



STIC Search Report

EIC 2600

STIC Database Tracking Number: 120872

TO: Ming Chow
Location: PK2 - 8A50
Art Unit : 2645
Monday, May 03, 2004

Case Serial Number: 09/636108

From: Vamshi Kalakuntla
Location: EIC 2600
PK2-3C03
Phone: 306-0254

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Search Notes

Dear Ming Chow;

Attached please find the results of your search request 09/636108.

I used the search strategy I emailed to you to edit.

I searched the standard Dialog files, IBM TDBs, IEEE, DTIC STINET, and the Internet.

If you would like a re-focus please let me know.

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5 (1)

Access DB# 120872

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Ming Chow Examiner #: 79316 Date: 4-30-04
Art Unit: 2645 Phone Number 305-4817 Serial Number: 09/636/08
Mail Box Location: PK2 8A50 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Voice mail message repositioning device

Inventors (please provide full names): _____

Earliest Priority Filing Date: 8-10-00

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

STAFF USE ONLY

Searcher: Vamsi Kalakuntla
Searcher Phone #: 703 306 0254
Searcher Location: PK2 3C03
Date Searcher Picked Up: 05/03/04
Date Completed: 05/03/04
Searcher Prep & Review Time: 180
Clerical Prep Time: _____
Online Time: 210

Type of Search

NA Sequence (#) _____
AA Sequence (#) _____
Structure (#) _____
Bibliographic ☒ _____
Litigation _____
Fulltext ☒ _____
Patent Family _____
Other _____

Vendors and cost where applicable

STN _____
Dialog _____
Questel/Orbit _____
Dr.Link _____
Lexis/Nexis _____
Sequence Systems _____
WWW/Internet _____
Other (specify) _____

Voice Message Summary for Voice Services

Yasuhisa Kato

NTT Network Information Systems Laboratories

Abstract

This paper describes a voice message summarizing method for retrieving specific voice messages from a large number of voice messages on voice services, such as voice mails and voice bulletin boards. Voice browsing facilities are tools intended to allow users to handle voice messages as easily and conveniently as browsing books. After surveying methods for voice browsing, I propose a new voice message summarizing method that is based on the important part being spoken slowly and having a higher proportion of unvoiced parts. The effectiveness of this method was demonstrated using actual voices from radio programs.

1 Introduction

The number of voice message services is increasing year by year. In Japan two types of voice storage services are offered by NTT. One is a public voice mail box, called "Dengon-Dial" and the other is a subscription group voice mail box, called "Message-In." Since the market for voice message services is growing, we are developing new techniques for voice messaging service facilities.

The voice bulletin board service (VBBS), one such service, is the counterpart of text-based bulletin boards. Both bulletin boards will be integrated to the multimedia bulletin boards together with the still picture and the animation in the future. In multimedia environment, voice processing techniques for manipulating voice messages are still important.

A VBBS consists of several structured bulletin boards. VBBS users can listen to and record spoken messages on any bulletin board using ordinary telephone sets. To implement VBBS, there are some obstacles for users and information providers that need to be solved. It takes much time for users to listen to all the messages on a particular bulletin board if it has many messages. Some solutions to this include:

(a) Structured voice messages: Voice messages must conform to a predetermined structure, such as subject, sender name, keyword, and body [1, 2].

(b) Message browsing (skimming): This is analogous to the way we read.

One of the most important human interface issues for these services is to establish "message browsing" facilities that allow users to quickly search for and retrieve the messages they want.

We surveyed several current methods of "message browsing," proposed a new voice message summarizing method, and demonstrated its performance.

2 Survey of voice browsing methods

There are many ways to provide voice browsing facilities [3,4]. In this paper I present some simple compression and extracting methods for the voice browsing.

2.1 Compression

A compression method divides a voice message into scores of millisecond frames. Then it links these frames, with overlapping according to the playback speed. The overlapped part will increase as the speed increases (Figure 1). It is called the synchronized overlap and add method (SOLA) [5]. Other modified SOLA methods were presented [6, 7].

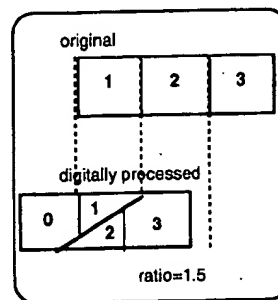


Figure 1: SOLA (Synchronized Overlap Add)

The advantage of this method is that not only speech but also any sound source can be compressed and the computation time is relatively short, compared with pitch depending methods. However, there are limitations on the speed. Our experimental results showed that users cannot understand the whole content when the speed is over three times faster than the original [8, 9].

2.2 Extraction

An extraction method does not compress the whole message. Some parts of the messages are extracted and played back. I present three extraction methods. First, a message is divided into phrases by detecting silences. Then a certain length of the initial part of each phrase is played back at the selected playback speed in Figure 2 [9]. Second, the mean power in each frame is calculated, and the region around frames whose power exceeds a given threshold is played back in Figure 3 [9]. Third, the emphasized part is extracted by using a Hidden Markov Model [10].

These methods are not suitable for understanding the entire content, but give a good grasp of the outline of the message. Our experiments for voice services showed that these methods decreased listening time about a factor of five [8, 9].

3 A new method

I propose a new extraction method that has two steps.

First, a voice message is divided into parts by detecting silent periods and counting zero-crossings [11]. The parts are then adjusted so that they correspond to text-based

- (1) words,
- (2) phrases,
- (3) sentences,

as much as possible (Figure 4). They are classified according to the following algorithm. This algorithm is very simple. Two thresholds of the length of the silence are decided. Dividing into words are based on detecting silent periods and counting zero-crossings. Dividing into phrases binds two voiced parts based on words when the length of the unvoiced part between them is less than the threshold A. Dividing into sentences does as the same as dividing into phrases except using the threshold B. Each unit (word or phrase or sentence) has voiced parts and unvoiced.

Second, the units that have a higher proportion of unvoiced parts are extracted and played back. The number of extracted units is based on the extraction ratio, which is usually less than 1/2. Therefore, the speed is more than twice.

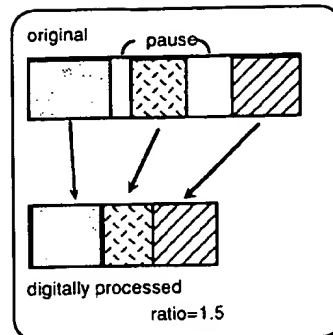


Figure 2: EIPP (Extracting the Initial Part of each Phrase)

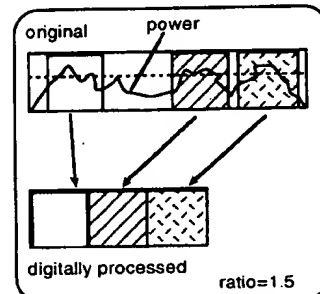


Figure 3: EHPF (Extracting High-Power Frames)

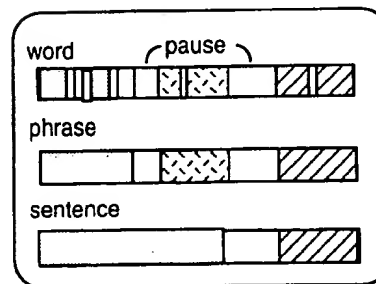


Figure 4: Message dividing

This method depends on the following two hypotheses.

- (1) Important parts are spoken more slowly than usual.
- (2) When a voice message is divided into some units, the proportion of unvoiced parts are higher if a message is spoken more slowly.

So, the important part has a higher rate of the unvoiced. The voice summary can be implemented automatically to select the units whose proportion of the unvoiced parts is high.

4 Testing the hypotheses

I tested two hypotheses using actual voices spoken by radio announcers on the radio programs and questionnaires completed by test subjects.

4.1 Speech characteristics

Speech samples were divided into units and the speed of each unit (word, phrase, sentence) was measured. The speed was expressed in characters per minute (CPM). I used ten sample messages spoken by radio announcers. The conditions of the messages are showed in Table 1.

Correlations between the speech speed and the ratios of the unvoiced part are shown in Figure 5.

From Figure 5 there is a minus-correlation between speech speed and the proportion of the unvoiced part. The minus correlation means that the speech speed is increasing as the proportion of the unvoiced part is decreasing. Therefore when the part whose unvoiced proportion is high is picked out, there is a high probability of having a slow speech speed. Though there is a correlation between them, it's not so strong. There is a dispersion of messages and how to divide. Sentences have stronger correlation than words.

4.2 Subjective evaluation

The parts that speakers thought them important were determined by questionnaires. Ten sample voice messages were written on the paper. Test subjects picked up the important part from reading the messages on the paper freely. Figure 6 shows the result. The real line shows the mean CPM of the important parts which test subjects selected, and the broken line shows the CPM of the unimportant.

Seven of ten messages have the slower CPM of the important part and three have the faster.

5 Discussion

Though there would be a correlation between speech speed and the ratio of the unvoiced parts, it is not so clear and steady. To apply voice browsing for voice services, the function of exact word search is not needed for voice summary now. And it is very difficult to create an exact

Table 1: Conditions of voice messages

Sampling frequency	8 kHz
Quantizing	1 bit sign + 13 bit linearPCM
Message	10 news
Mean length	about 60 seconds
Mean speech speed	453 CPM

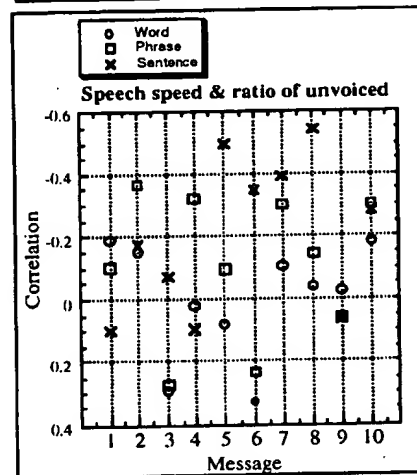


Figure 5: Speech speed and the ration of unvoiced part

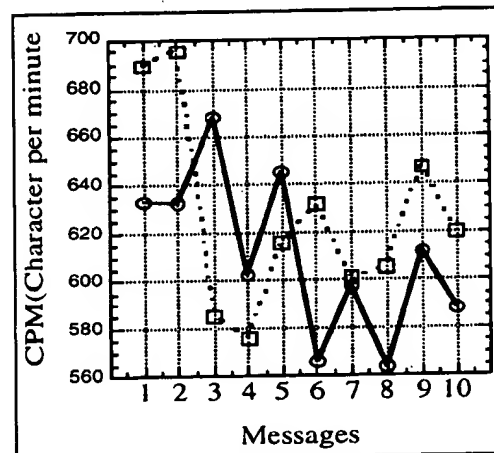


Figure 6: CPM (important & unimportant)

summary even if the real voice recognition is available.

Since in this subjective evaluation test subjects had no restrictions with selecting the important parts, there is a variation to selecting. Someone selected a few words from one message, and another selected many words. I found the difference of what part people think it important.

From these results this algorithm is very useful for the voice browsing to summarize voice message and to save the listening and searching time. Since single algorithm or method is not sufficient enough, it is necessary to properly combine other methods including the skip method.

However, I think more analysis is necessary to confirm the two hypotheses and the real situation tests should be done that real users record messages and they listen to them.

6 Future work

These results involve several problems. In this paper, I used announcers' speech; use of the speech of professional may affect the results. I will examine more voice messages spoken by ordinary users.

The method will be evaluated by experiments, involving a comprehension test as same as the real situation. Subjects listen to messages extracted at various ratios. After listening to each extracted message they write down a summary of the message. The performance will be compared to other extracting methods.

Other problems are posed by the experience of users. People are accustomed to the fast-speed speech and the extraction speech. How are they accustomed to ?

All evaluation experiments were made in Japanese in this paper. I'd like to try the experiments in English and other languages.

The length of pause between extracted units has an important role in the extraction method. I'll determine how long and where the pause is inserted.

I'll improve the method and combine the extracting method and compressing methods and other methods. This integration will show the high performance and the evaluation test should be done under real conditions.

In the future, I will improve our method to make it applicable to actual voice services and build integrated system together with voice recognition technique.

7 Conclusion

We surveyed several methods for message browsing. A new voice message summarizing method was proposed and evaluated. The effectiveness of the method was confirmed for the speech of professional radio announcers. The capability and problems were discussed.

Acknowledgments

I thank Hideyuki Koike for his guidance and encouragement. Thanks for our research colleagues and laboratory members who helped with much of the experimental and construction work.

References

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- [11] Y. Yatsuzuka (1980). A High Sensitive Speech Detector Based on Sign Bit Sequence Manipulations (in Japanese). *The Transactions of the Institute of Electrical, Information and Communication Engineers*, J64-A(7):413-420.

File 344:Chinese Patents Abs Aug 1985-2004/Mar
(c) 2004 European Patent Office
File 347:JAPIO Nov 1976-2003/Dec(Updated 040402)
(c) 2004 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2004/Apr W04
(c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20040415,UT=20040408
(c) 2004 WIPO/Univentio
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200427
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Set	Items	Description
S1	59	AU=(THEISEN, E? OR THEISEN E? OR LAVELLE, C? OR LAVELLE C?) OR CO=GLENAYRE
S2	3	S1 AND (TELECOM? OR TELEPHON? OR PHONE? OR TELE() (COM OR C- COMMUNICAT?))
S3	3	IDPAT (sorted in duplicate/non-duplicate order)
S4	3	IDPAT (primary/non-duplicate records only)
?		

4/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00644176

VARIABLE SPEED ASYNCHRONOUS MODEM
ASYNCHRONES MODEM FUR VARIABLE GESCHWINDIGKEITEN
MODEM ASYNCHRONE A VITESSE VARIABLE

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 623256 A1 941109 (Basic)

EP 623256 A1 970507

EP 623256 B1 010808

WO 9315551 930805

APPLICATION (CC, No, Date): EP 93902937 930104; WO 93US53 930104

PRIORITY (CC, No, Date): US 823842 920122

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
NL; PT; SE

INTERNATIONAL PATENT CLASS: H03C-003/00; H03D-003/00; H04L-027/12

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200132	1095
CLAIMS B	(German)	200132	1026
CLAIMS B	(French)	200132	1259
SPEC B	(English)	200132	5856

Total word count - document A 0

Total word count - document B 9236

Total word count - documents A + B 9236

...SPECIFICATION specifically, to a demodulator for an asynchronous
variable speed modem.

Background of the Invention

Modems are frequently used in paging systems to transmit data over
telephone lines or by radio transmission between a central paging
terminal and a plurality of paging transmitters, which re-transmit the
data as a radio signal...that is capable of modulating a signal for
transmission to a demodulator over a bandwidth of about 3 KHz, thereby
insuring its compatibility with existing **telephone** and radio systems.
Frequency shift keyed (FSK) modulators are conventionally used for this
purpose. Jitter is particularly a problem for a demodulator processing a
modulated...some of which may be connected to paging terminal 22 by a
radio frequency (RF) link 33, as is paging transmitter 34b, instead of by
telephone lines 28, as is paging transmitter 34a.

The modulated signal produced by modulator 26 is conveyed over
telephone lines 28 and transmitted by a transmitter 27 from an antenna
31 to corresponding modems 29a and 29b, respectively. In the case of
paging transmitter...

...a receiver 37. Transmitter controllers 43 located at each paging transmitter site include modems 29 and delay equalization circuits 41. The modulated signal conveyed by telephone lines 28 is input to a delay equalization circuit 41a in transmitter controller 43a and after being appropriately compensated for transmission delay, is input to...

...for example, in responding when each paging transmitter is occasionally poled in sequence by the paging terminal.

Demodulators 30 process the modulated signal transmitted via telephone lines 28 and RF radio link 33 from paging terminal 22, demodulating the signal to produce the data message conveyed thereby, which is input to...

4/3,K/2 (Item 2 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00602932

Method and apparatus for compensating multipath fading and simulcast interference in a radio signal

Verfahren und Einrichtung zur Kompensation von Mehrwegeschwund und von Gleichwellenstörungen in einem Funksignal

Procede et dispositif pour la compensation d'evanouissement multivoie et d'interference a onde commune dans un signal radio

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all)

INVENTOR:

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PATENT (CC, No, Kind, Date): EP 605955 A2 940713 (Basic)
EP 605955 A3 951025
EP 605955 B1 010124

APPLICATION (CC, No, Date): EP 93309390 931124;

PRIORITY (CC, No, Date): US 1061 930106

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
NL; PT; SE

INTERNATIONAL PATENT CLASS: H04B-007/005

ABSTRACT WORD COUNT: 226

NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English

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Available Text	Language	Update	Word Count
CLAIMS B	(English)	200104	1453
CLAIMS B	(German)	200104	1339
CLAIMS B	(French)	200104	1681
SPEC B	(English)	200104	8234

Total word count - document A 0

Total word count - document B 12707

Total word count - documents A + B 12707

...SPECIFICATION employed to reduce the deleterious effects of multi-path fading. For example, U.S. Patent 5,109,390 to Gilhousen et al. discloses a cellular **telephone** system that employs code division multiple access (CDMA) modulation and spread spectrum techniques in which partial discrimination between the multiple transmission paths is inherently attained during demodulation by the system receivers (cellular **telephones**). To further reduce the effects of fading, the receiver section of the cellular **telephones** include three demodulator processors or receivers. One of the receivers performs a time domain scanning function that detects pilot signals transmitted by nearby transmitter units...in the present invention, a two-ray model with independent Rayleigh fading in each ray is adopted, since this channel model is specified by the **Telecommunications** Industry Association (TIA) for evaluating the performance of the North American Digital Cellular System. Based upon this channel model, if $s(t)$ is a transmitted...

4/3,K/3 (Item 3 from file: 348)
 DIALOG(R) File 348:EUROPEAN PATENTS
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00572417

Clock synchronization system
Synchronisiervorrichtung fur Uhren
Dispositif de synchronisation pour montres
 PATENT ASSIGNEE:

GLENAYRE ELECTRONICS, INC., (1628830), 5935 Carnegie Boulevard,
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 AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

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PATENT (CC, No, Kind, Date): EP 564220 A2 931006 (Basic)
 EP 564220 A3 950118
 EP 564220 B1 980722

APPLICATION (CC, No, Date): EP 93302450 930330;

PRIORITY (CC, No, Date): US 861248 920331

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
 NL; PT; SE

INTERNATIONAL PATENT CLASS: G04G-007/02;

ABSTRACT WORD COUNT: 219

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9830	3057
CLAIMS B	(German)	9830	3102
CLAIMS B	(French)	9830	4034
SPEC B	(English)	9830	9181
Total word count - document A			0
Total word count - document B			19374
Total word count - documents A + B			19374

...SPECIFICATION a number of transmitter units, called paging stations, that are located over a wide geographic area. The paging terminal is

connected to the publicly switched **telephone** network and receives incoming calls to the system subscribers. In response to a call, the paging terminal formulates a page for the subscriber and forwards... stations receive the signal in a specific phase relationship to each other. When the signal is transmitted to the individual stations over the publicly switched **telephone** network, the carrier may, from time to time, modify the routing of the signal to the individual stations. The inherent change in signal propagation time...and a number of paging stations 24 that are spread over a wide geographic area. The paging terminal 22 is connected to the publicly switched **telephone** network (PSTN) 26 for receiving incoming **telephone** calls that comprise requests to page individuals who subscribe to the paging system 20. In response to the incoming calls, the paging terminal 22 creates...

...stations, and/or the economics of employing specific forwarding systems. For example, some PDBs 28 can be forwarded over a hard wire or fiber-optic **telephone** link 30. Other paging stations 24 can receive the packets 28 over a microwave link 32, while still others can receive them over a satellite...links; in these systems the transceiver 92 is an actual radio transceiver. In other systems 50 commands and data are exchanged over the publicly switched **telephone** network 26; in these systems a modem functions as the network transceiver 92. It should further be understood that the network transceiver may not be...

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File 344:Chinese Patents Abs Aug 1985-2004/Mar
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File 347:JAPIO Nov 1976-2003/Dec(Updated 040402)
(c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200427
(c) 2004 Thomson Derwent

Set	Items	Description
S1	400098	TELECOM? OR TELEPHON? OR PHONE? OR TELE() (COM OR COMMUNICA-T?)
S2	12817	(VOICE OR SOUND? ? OR ORAL OR ORATORY OR SPEECH OR SPEAK? - OR TALK? OR VOCAL? OR VERBAL OR AUDIO OR S1) (2N)MESSAGE? ?
S3	635	S1(5N)S2(5N) (CONTROL OR ADMINIST? OR MONITOR? OR COORDINAT? OR MANAG? OR DIRECT? OR MODERAT?)
S4	123070	REPOSITION? OR RE()POSITION? OR (START? OR STOP? OR PAUSE - OR FASTFORWARD? OR FAST()FORWARD? OR REWIND? OR RE()WIND?) (5N-) (COMMAND? ? OR INSTRUCT? OR SIGNAL? OR REQUEST? OR PROMPT?)
S5	31466	(FEEDBACK? ? OR FEED()BACK? ? OR ACKNOWLEDGE? OR SUPERVISORY) (5N) (GUI OR GRAPHIC? OR AUDIO OR ICON OR IMAGE? OR DIGIT? - OR BAR OR BARS OR SIGNAL?)
S6	13	S3 AND (S4 OR S5)
S7	13	IDPAT (sorted in duplicate/non-duplicate order)
S8	13	IDPAT (primary/non-duplicate records only)
S9	73	S3 AND IC=H04M-001/64
S10	10	S9 AND (REPOSITION? OR RE()POSITION? OR START? OR STOP? OR PAUSE OR FASTFORWARD? OR FAST()FORWARD? OR REWIND? OR RE()WIND? OR FEEDBACK? ? OR FEED()BACK? ? OR ACKNOWLEDGE? OR SUPERVISORY)
S11	8	S10 NOT S8

8/3,K/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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015520176 **Image available**
WPI Acc No: 2003-582323/200355
XRPX Acc No: N03-463226

Automatic report message converter for telephone network monitoring management , converts report starting input signal into report signal for analog channels during notification through analog telephone line

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003209636	A	20030725	JP 20027081	A	20020116	200355 B

Priority Applications (No Type Date): JP 20027081 A 20020116

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003209636	A		7 H04M-011/00	

Automatic report message converter for telephone network monitoring management , converts report starting input signal into report signal for analog channels during notification through analog telephone line

Abstract (Basic):

... operation of ISDN circuits through the report interface (8) on detection of an audible signal by a detector (5). A conversion controller (6) converts the **starting signal** into **report signal** for analog channels and notifies to the predetermined report location through an analog telephone line.

8/3,K/2 (Item 2 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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013812832 **Image available**
WPI Acc No: 2001-297044/200131
XRPX Acc No: N01-213035

Centralized security monitor served by several field based terminal devices linked by telephone lines, matches terminal specific telephone numbers flashed along with alerts with pre-assigned terminal numbers

Patent Assignee: NEC CORP (NIDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001069267	A	20010316	JP 99240409	A	19990826	200131 B

Priority Applications (No Type Date): JP 99240409 A 19990826

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001069267	A		29 H04M-011/04	

Abstract (Basic):

... multisensor local end terminal (10) is coupled to centralized monitor (20) via telephone exchange (41). Monitor receives terminal

specific telephone number, along with any alert signal piped through exchange. An acknowledgement follows from monitor for each authenticated alert. Incorrect telephone numbers receive pre-recorded vocal message and dialog with terminal is snapped.

8/3,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

011375190 **Image available**
WPI Acc No: 1997-353097/199733
XRPX Acc No: N97-292559

Speech and-or data signal transmission method - using selected master station for providing start packet to data bus, which is received by subsequent stations for synchronisation prior to data transmission
Patent Assignee: FREQUENTIS NACHRICHTENTECHNIK GMBH (FREQ-N)
Inventor: BARDACH J; WILSON J D
Number of Countries: 008 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 784393	A2	19970716	EP 97890003	A	19970109	199733 B
US 5974056	A	19991026	US 96600399	A	19960212	199952
AT 9600042	A	20021215	AT 9642	A	19960110	200308
AT 410875	B	20030615	AT 9642	A	19960110	200348

Priority Applications (No Type Date): AT 9642 A 19960110
Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 784393	A2	G	9 H04L-012/417	
Designated States (Regional): AT BE CH DE FR GB LI				
US 5974056	A		H04J-003/06	
AT 9600042	A		H04L-003/06	
AT 410875	B		H04L-003/06	Previous Publ. patent AT 9600042

...Abstract (Basic): given repetition frequency by the master bus. Each of the individual stations are assigned a respective time slot of the transmission frame and receiving the start packet as a synchronisation signal .
...

...USE - E.g. for air traffic control system, telephone system or message transmission system

8/3,K/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011174129 **Image available**
WPI Acc No: 1997-152054/199714
XRPX Acc No: N97-125808

Communication terminal with automatic answering function such as facsimile - has control unit which operates DSP of telephone answering unit for recording audio message transmitted from calling side, when modem signal is not received
Patent Assignee: MURATA KIKAI KK (MURK)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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JP 9027852 A 19970128 JP 95175156 A 19950711 199714 B

Priority Applications (No Type Date): JP 95175156 A 19950711

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 9027852 A 7 H04M-001/65

... has control unit which operates DSP of telephone answering unit for recording audio message transmitted from calling side, when modem signal is not received

...Abstract (Basic): The equipment has a signal processing unit (1) which receives the modem signal transmitted during ring stoppage period, through a modem processor (7). The calling side telephone number is detected from the received modem signal by a detector. The detected telephone number...

...When a modem signal is not received, a DSP (13) of a telephone answering unit (12) is operated by a control unit. The audio message transmitted from the calling side is recorded and the recorded message is output through a speaker (15) when required...

8/3,K/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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007472885

WPI Acc No: 1988-106819/198816

XRPX Acc No: N88-081060

Credit card billing of cellular mobile telephone stations - having administrative processor and stations exchanging data messages over standard telephone line to establish operating parameters

Patent Assignee: HARRIS A J (HARR-I); HARRIES A (HARR-I); HARRIS R J (HARR-I)

Inventor: HARRIS A J

Number of Countries: 018 Number of Patents: 011

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 264023	A	19880420	EP 87114268	A	19870930	198816 B
AU 8779214	A	19880414				198823
JP 63114446	A	19880519	JP 86914123	A	19861001	198826
JP 63171032	A	19880714	JP 87249656	A	19871001	198834
US 4776003	A	19881004	US 86914124	A	19861001	198842
US 4777646	A	19881011	US 86914123	A	19861001	198843
AU 9047952	A	19900510				199025
CA 1276239	C	19901113				199051
CA 1294000	C	19920107				199209
KR 9515093	B1	19951221	KR 8710881	A	19870930	199904
KR 9611126	B1	19960820	KR 8710882	A	19870930	199924

Priority Applications (No Type Date): US 86914124 A 19861001; US 86914123 A 19861001

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 264023 A E 13

Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE

US 4776003 A 11

US 4777646 A 12

KR 9515093 B1 H04M-017/02

KR 9611126 B1 H04B-007/26

... having administrative processor and stations exchanging data messages over standard telephone line to establish operating parameters

...Abstract (Basic): A standard cellular mobile radio subscriber set generates call signalling and supervisory signals and a display shows station status information and station operating instructions. A transceiver communicates with the mobile radio system and connected transmission, switching and terminal...

8/3,K/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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001519382

WPI Acc No: 1976-J2317X/197637

Remote-controlled automatic telephone-answer and message-recorder - uses transmitted signal from subscribers own telephone to rewind and playback tape

Patent Assignee: PIONEER ELECTRONIC CORP (PIOE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 3978289	A	19760831				197637 . B

Priority Applications (No Type Date): JP 7418799 A 19740216

... uses transmitted signal from subscribers own telephone to rewind and playback tape

...Abstract (Basic): The remote control signal transmitted by the owner of an automatic telephone -answering and message -recording apparatus is detected to rewind the message tape to a predetermined position. The tape is then driven forward to play back the recorded message...

8/3,K/7 (Item 7 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

05988206 **Image available**
COMMUNICATION TERMINAL EQUIPMENT

PUB. NO.: 10-271306 [JP 10271306 A]

PUBLISHED: October 09, 1998 (19981009)

INVENTOR(s): MOCHIZUKI MASAHIRO

KUDO NOBUYUKI

SAKAYAMA TAKASHI

TEZUKA YOSHIKI

SAKAKI KOSUKE

MAEI YOSHIHIRO

KAWABATA HIROTAKA

APPLICANT(s): FUJI XEROX CO LTD [359761] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 09-072424 [JP 9772424]

FILED: March 25, 1997 (19970325)

ABSTRACT

... smooth switching to an image information communication means for executing an ITU-T recommendation V.8 procedure by detecting the reception of call origination display **signal** at the time of session **start** and controlling switching operation for validating the image information communication means...

...SOLUTION: When a call is terminated at a facsimile equipment 10, circuit switching to an image transmission part 30 is instructed to a **control** part 36, and the switching **message** of **telephone** part 38 and image transmissions part 30 is outputted to a line. Then, when the reception of call origination display CI signal or calling tone...

8/3,K/8 (Item 8 from file: 347)
DIALOG(R) File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

04076418 **Image available**
METHOD FOR AUTOMATICALLY RECEIVING TELEPHONE/FACSIMILE

PUB. NO.: 05-068118 [JP 5068118 A]
PUBLISHED: March 19, 1993 (19930319)
INVENTOR(s): ONISHI TORU
APPLICANT(s): MURATA MACH LTD [330342] (A Japanese Company or Corporation),
JP (Japan)
APPL. NO.: 03-255781 [JP 91255781]
FILED: September 06, 1991 (19910906)
JOURNAL: Section: E, Section No. 1402, Vol. 17, No. 393, Pg. 2, July
22, 1993 (19930722)

ABSTRACT

PURPOSE: To cope with both talking and facsimile(FAX) operation and to hook off a **telephone** set even in a **monitoring** period by sending a **voice message** by stopping a call tone, monitoring a FAX identification signal, and after the lapse of a prescribed time, generating a pseudo call tone...

... a pseudo ring-back tone generating part 4 is sent from a line control part 2 to a circuit 1. Simultaneously with sending of the **signal**, a CNG detecting part 3 **starts** to monitor a FAX identification **signal**. After the lapse of a prescribed time, a pseudo bell tone generating part 9 is activated to ring the telephone sets, 8. Consequently both talking...

8/3,K/9 (Item 9 from file: 347)
DIALOG(R) File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

03381356 **Image available**
FACSIMILE EQUIPMENT

PUB. NO.: 03-044256 [JP 3044256 A]
PUBLISHED: February 26, 1991 (19910226)
INVENTOR(s): TAKEISHI NAKO
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 01-179486 [JP 89179486]
FILED: July 12, 1989 (19890712)
JOURNAL: Section: E, Section No. 1065, Vol. 15, No. 183, Pg. 105, May
10, 1991 (19910510)

ABSTRACT

... at a location apart from the equipment, the facsimile equipment uses a line control section 10 to receive a call automatically and a transmission end **acknowledge** signal detection section 11 is in a state of awaiting the detection. When the transmission end acknowledge means from the operator is detected in this state, a control section 15 sends a voice message corresponding to the transmission end state of the facsimile equipment with respect to a **voice message** transmission section 13 to a **telephone** line through the line control section 10. When the time designation transmission is not normally finished and a retransmission instruction signal detection section 12 detects a retransmission instruction signal, a retransmission **instruction** section 14 is **started**. Thus, a picture data in a picture data storage section 18 is sent again to a transmission destination stored in a data storage section 17...

8/3,K/10 (Item 10 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

03198949 **Image available**
AUTOMATIC ANSWERING TELEPHONE SYSTEM

PUB. NO.: 02-174449 [JP 2174449 A]
PUBLISHED: July 05, 1990 (19900705)
INVENTOR(s): NANJO RYUICHI
APPLICANT(s): SHARP CORP [000504] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 63-331471 [JP 88331471]
FILED: December 27, 1988 (19881227)
JOURNAL: Section: E, Section No. 982, Vol. 14, No. 444, Pg. 54,
September 21, 1990 (19900921)

ABSTRACT

...CONSTITUTION: A reply message **control** means 10a sends a reply **message** to a **telephone** line via a speech network circuit 6 and a network **control** circuit 5 and the mode is reached in a message recording standby mode. When a specific signal tone from a caller is inputted to a...

... from a message recording control means 10b to a message recording circuit 9. The recording circuit 9 based on the input of the recording enable **signal** **starts** the recording of the message sent from the caller.

8/3,K/11 (Item 11 from file: 347)
DIALOG(R)File 347:JAPIO
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02765349 **Image available**
COMPOSITE TERMINAL EQUIPMENT

PUB. NO.: 01-062949 [JP 1062949 A]
PUBLISHED: March 09, 1989 (19890309)
INVENTOR(s): MITO OSAMU
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 62-220721 [JP 87220721]
FILED: September 03, 1987 (19870903)
JOURNAL: Section: E, Section No. 777, Vol. 13, No. 272, Pg. 111, June

22, 1989 (19890622)

ABSTRACT

...CONSTITUTION: When a receiving signal arrives from a **telephone** line 8, a **control** means 9 sends a response **message** to the **telephone** line 8, and a signal waiting condition is made thereafter. Next, the control means 9 discriminates whether the signal from the telephone line 8 is...

... the time of the continuous sound or intermittent sound of the specific frequency or specific period, the means 9 decides that it is the facsimile **signal**, and **stops** the recording means 2.

8/3,K/12 (Item 12 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

01588052 **Image available**
AUTOMATIC ANSWERING TELEPHONE SET

PUB. NO.: 60-066552 [JP 60066552 A]
PUBLISHED: April 16, 1985 (19850416)
INVENTOR(s): WATANABE KENJI
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 58-174158 [JP 83174158]
FILED: September 22, 1983 (19830922)
JOURNAL: Section: E, Section No. 336, Vol. 09, No. 201, Pg. 133,
August 17, 1985 (19850817)

ABSTRACT

...CONSTITUTION: When an operation signal for changing the content of the reply **message** to a **telephone** circuit, the operation signal is detected by a remote **control** signal detecting circuit 13 through a coupling transformer 4, and the detected signal is sent to a CPU14. When the CPU14 judges that a remote...

... the reply message comes to an end, a tape end detecting device 20 sends a tape end detection signal to the CPU14. Basing on this **signal**, the CPU14 gives a **stop** **command** to a tape driving circuit 12 to stop the driving of the tape. On completion of the recording, the CPU14 sends alarm sound that indicates...

8/3,K/13 (Item 13 from file: 347)
DIALOG(R)File 347:JAPIO
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01347356 **Image available**
INPUT SIGNAL DISCRIMINATING SYSTEM

PUB. NO.: 59-058956 [JP 59058956 A]
PUBLISHED: April 04, 1984 (19840404)
INVENTOR(s): TOMITA KAZUYUKI
SUGITA TADAYASU
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 57-168916 [JP 82168916]
FILED: September 28, 1982 (19820928)
JOURNAL: Section: E, Section No. 256, Vol. 08, No. 155, Pg. 148, July

19, 1984 (19840719)

ABSTRACT

...incoming call is detected at a line control section NCU3 via an exchange 2 from a telephone set 1, the call is given to a **control** section 7 and a **voice message** is given to the **telephone** set 1 via a voice synthesis circuit 4 under the **control** of the **control** section 7. The **telephone** set 1 responds to the **voice message**. The **control** section 7 gives a receiving command to a pushbtton (PB) signal receiving section 5 and a recognition command to a voice recognition section 6, and starts the operation of a timer 8 at the same time. The control section 7 outputs a voice recognition **stop command** to the voice recognizing section 6 when a push-phone signal is received and an input signal is discriminated as the pushbutton signal. If no...
?

11/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

06738690 **Image available**
AUTOMATIC RADIO WAVE OUTPUT LIMITING SYSTEM IN PORTABLE TELEPHONE

PUB. NO.: 2000-324539 [JP 2000324539 A]
PUBLISHED: November 24, 2000 (20001124)
INVENTOR(s): ETSURIKO YUTAKA
APPLICANT(s): NEC CORP
APPL. NO.: 11-076473 [JP 9976473]
FILED: March 19, 1999 (19990319)
PRIORITY: 10-123985 [JP 98123985], JP (Japan), April 17, 1998
(19980417)
11-057951 [JP 9957951], JP (Japan), March 05, 1999 (19990305)

INTL CLASS: H04Q-007/38; H04M-001/57; **H04M-001/64** ; H04M-001/66

ABSTRACT

... 6, an output limit signal originated from an in-vehicle antenna 3 is received and communication by radio wave with a radio base station is **stopped**. Then the device 4 transmits the **stop** of communication, portable telephone identifying information intrinsic to the device 4 and information such as a **telephone** number or a **voice message** to a portable **telephone** output limit **managing** device 2. When the device 2 receives portable telephone identifying information and a signal such as the **telephone** number or the **voice message** through the in-vehicle antenna 3, recognizes that the **telephone** device 4 comes under the **control** of the device 2 itself and executes response to calling from the radio base station 5 after that in place of the device 4.

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11/3,K/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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05792218 **Image available**
REMOTE CONTROL METHOD FOR ELECTRIC APPLIANCE

PUB. NO.: 10-075318 [JP 10075318 A]
PUBLISHED: March 17, 1998 (19980317)
INVENTOR(s): MAKINO MOTOI
APPLICANT(s): KYOCERA CORP [358923] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 08-229929 [JP 96229929]
FILED: August 30, 1996 (19960830)

INTL CLASS: H04M-011/00; **H04M-001/64**

ABSTRACT

...SOLUTION: An unattended master set 3 preset to the remote control mode receives a phone call from an outdoor digital cordless telephone set 5, **starts** its automatic call reception function to receive the call, reproduces automatically a message relating to remote **control** in a memory and sends the **message** to the **telephone** set 5 through a **telephone** line and a public base station 4. When the telephone set 5 returns control code

data to select an electric appliance 2 desired to be...

11/3,K/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
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05792194 **Image available**
AUTOMATIC ANSWERING TELEPHONE SET

PUB. NO.: 10-075294 [JP 10075294 A]
PUBLISHED: March 17, 1998 (19980317)
INVENTOR(s): YAGINUMA TOMOKO
APPLICANT(s): KENWOOD CORP [000359] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 08-246810 [JP 96246810]
FILED: August 30, 1996 (19960830)

INTL CLASS: H04M-001/64 ; H04M-001/00; H04M-003/54

ABSTRACT

... telephone number and the transfer time are registered from a key input part 8 through a control part 3 to a memory 4 beforehand. The control part 3 sends out an automatic answering response message to a telephone line 14, then activates a recording and reproducing device 10 and prepares for the recording of communication from a call origination side when a call ...

...the transfer is received when an input message is provided in recording. In the case that the transfer is not received, the control part 3 starts the transfer operation when the present time becomes the transfer time registered in the memory 4. Thus, the probability of having the transfer be received...

11/3,K/4 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
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03130158 **Image available**
AUTOMATIC ANSWERING TELEPHONE SET

PUB. NO.: 02-105658 [JP 2105658 A]
PUBLISHED: April 18, 1990 (19900418)
INVENTOR(s): MATSUMOTO TAKASHI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 63-256933 [JP 88256933]
FILED: October 14, 1988 (19881014)
JOURNAL: Section: E, Section No. 950, Vol. 14, No. 320, Pg. 43, July 10, 1990 (19900710)

INTL CLASS: H04M-001/64

ABSTRACT

... terminal on a customer bus by issuing its own response message to a network only when no response message is received from another terminal. and starting up an automatic answering telephone set function...

... call control part 51, when receiving an incoming call message from the network, judges whether or not communication designated by information in

the incoming call **message** is **telephone** communication. Next, an incoming call limiting **control** part 52 **started** up by the incoming call control part 51 scans a monitor signal reception part 2 for a time decided in advance, and verify the presence...

... received within the time decided in advance, the response message is sent to the network, and an automatic answering telephone set function part 6 is **started** up, then, speech is **started**. In other words, an automatic answering telephone set **starts** a response operation to the incoming call in the telephone communication under the condition that plural terminals are connected on the customer bus 1 only...

11/3,K/5 (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO
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01761755 **Image available**
AUTOMATIC ANSWERING TELEPHONE SET WITH LOUDSPEAKER

PUB. NO.: 60-240255 [JP 60240255 A]
PUBLISHED: November 29, 1985 (19851129)
INVENTOR(s): KAGEYAMA SHUJI
ONO YASUSHI
NOCHIDA HITOSHI
APPLICANT(s): SHARP CORP [000504] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 59-097743 [JP 8497743]
FILED: May 15, 1984 (19840515)
JOURNAL: Section: E, Section No. 396, Vol. 10, No. 99, Pg. 86, April
16, 1986 (19860416)

INTL CLASS: H04M-001/64

ABSTRACT

... switch 6. When the transmission of the response message is finished, a recording tape 19 is driven and the recording of a reception message is **started**. Thus, even when he cannot respond to the **telephone** call, the **message** from an opposite party is listened to **directly** without operating the loudspeaker switch 6.

11/3,K/6 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013922641 **Image available**
WPI Acc No: 2001-406854/200143
XRPX Acc No: N01-300893

Automatic delivering method of prerecorded voice messages to intended recipients, involves monitoring and analyzing parameters associated with telephone call and controlling start of playing pre-recorded message

Patent Assignee: AT & T CORP (AMTT)
Inventor: GOLDBERG R G; HANSON B L; SACHS R M
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6226360	B1	20010501	US 9881744	A	19980519	200143 B

Priority Applications (No Type Date): US 9881744 A 19980519
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 6226360 B1 8 H04M-001/64

Automatic delivering method of prerecorded voice messages to intended recipients, involves monitoring and analyzing parameters associated with telephone call and controlling start of playing pre-recorded message

Abstract (Basic):

... an intended recipient by automatic dialing of relative phone number and parameters associated with the telephone call are monitored. Monitored parameters are analyzed for controlling **start** time of playing pre-recorded message after answering the telephone call. The parameters have historical monitored data obtained during a prior telephone call to the...

...Title Terms: **START** ;

International Patent Class (Main): **H04M-001/64**

11/3,K/7 (Item 2 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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011093510 **Image available**
WPI Acc No: 1997-071435/199707
XRPX Acc No: N97-059212

Facsimile with built-in telephone answering machine - has main controller that regulates whole facsimile operation, image memory controller provided for image memory, and buzzer ringing unit that stops ringing of buzzer while finalising communication

Patent Assignee: NEC SHIZUOKA LTD (NIDE)
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8317174	A	19961129	JP 95116888	A	19950516	199707 B
JP 3133641	B2	20010213	JP 95116888	A	19950516	200111

Priority Applications (No Type Date): JP 95116888 A 19950516
Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 8317174 A 8 H04N-001/32
JP 3133641 B2 9 H04N-001/32 Previous Publ. patent JP 8317174

... **has main controller that regulates whole facsimile operation, image memory controller provided for image memory, and buzzer ringing unit that stops ringing of buzzer while finalising communication**

...Abstract (Basic): sends out the response message of a telephone answering machine. A message recorder (7) records the message sent to the telephone answering machine. A circuit **monitoring** unit (8) provides the response message and an automatic answering **telephone message** during the response to the **telephone** answering machine, and **monitors** the audio of the circuit during recording. A mode establishing unit (12) is provided to establish a silent mode. A main controller (1) regulates the...

...Title Terms: **STOP** ;

International Patent Class (Additional): **H04M-001/64** ...

11/3,K/8 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011027532 **Image available**
WPI Acc No: 1997-005456/199701
XRPX Acc No: N97-005001

Video-phone with automatic answering function - has image transmitter
which transmits image, formed by image generator, during automatic
answering mode to calling side terminal

Patent Assignee: CANON KK (CANO)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8274867	A	19961018	JP 9578679	A	19950404	199701 B

Priority Applications (No Type Date): JP 9578679 A 19950404
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8274867	A		10	H04M-001/64	

...Abstract (Basic): Ensures checking of recorded business image and
reliably receives business message. Ensures remote operation of
video-phone. Provides practical menu function without using voice
guidance. **Directs starting** time of recording of business message
in video- phone after checking recorded image...

International Patent Class (Main): H04M-001/64

?

File 2:INSPEC 1969-2004/Apr W4
(c) 2004 Institution of Electrical Engineers
File 6:NTIS 1964-2004/May W1
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File 95:TEME-Technology & Management 1989-2004/Apr W2
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File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Mar
(c) 2004 The HW Wilson Co.
File 144:Pascal 1973-2004/Apr W4
(c) 2004 INIST/CNRS
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(c) 2003 EBSCO Pub.
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
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File 483:Newspaper Abs Daily 1986-2004/May 01
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File 1:ERIC 1966-2004/Apr 29
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Set	Items	Description
S1	1099809	TELECOM? OR TELEPHON? OR PHONE? OR TELE() (COM OR COMMUNICA- T?)
S2	6985	(VOICE OR SOUND? ? OR ORAL OR ORATORY OR SPEECH OR SPEAK? - OR TALK? OR VOCAL? OR VERBAL OR AUDIO OR S1) (2N)MESSAGE? ?
S3	255	S1(5N)S2(5N) (CONTROL OR ADMINIST? OR MONITOR? OR COORDINAT? OR MANAG? OR DIRECT? OR MODERAT?)
S4	23754	REPOSITION? OR RE()POSITION? OR (START? OR STOP? OR PAUSE - OR FASTFORWARD? OR FAST()FORWARD? OR REWIND? OR RE()WIND?) (5N-) (COMMAND? ? OR INSTRUCT? OR SIGNAL? OR REQUEST? OR PROMPT?)
S5	24984	(FEEDBACK? ? OR FEED()BACK? ? OR ACKNOWLEDGE? OR SUPERVISO- RY) (5N) (GUI OR GRAPHIC? OR AUDIO OR ICON OR IMAGE? OR DIGIT? - OR BAR OR BARS OR SIGNAL?)
S6	264	AU=(THEISEN, E? OR THEISEN E? OR LAVELLE, C? OR LAVELLE C?) OR CO=GLENAYRE
S7	17	S6 AND S1
S8	14	RD S7 (unique items)
S9	13	S8 NOT PY>2000
S10	0	S9 AND (S2 OR S3 OR S4 OR S5)
S11	0	S3 AND (S4 OR S5)
S12	20	S3 AND (FEEDBACK? ? OR FEED()BACK? ? OR ACKNOWLEDGE? OR SU- PERSVISORY OR REPOSITION? OR RE()POSITION? OR START? OR STOP? - OR PAUSE OR FASTFORWARD? OR FAST()FORWARD? OR REWIND? OR RE() - WIND?)
S13	18	RD S12 (unique items)
S14	12	S13 NOT PY>2000
S15	90	S1(5W) (CONTROL OR ADMINIST? OR MONITOR? OR COORDINAT? OR M- ANAG? OR DIRECT? OR MODERAT?) (5W)S2

S16 90 S2(5W)(CONTROL OR ADMINIST? OR MONITOR? OR COORDINAT? OR M-
 ANAG? OR DIRECT? OR MODERAT?) (5W)S1
 S17 161 S15 OR S16
 S18 63 S2(3W)(CONTROL OR ADMINIST? OR MONITOR? OR COORDINAT? OR M-
 ANAG? OR DIRECT? OR MODERAT?) (3W)S1
 S19 59 S1(2W)(CONTROL OR ADMINIST? OR MONITOR? OR COORDINAT? OR M-
 ANAG? OR DIRECT? OR MODERAT?) (2W)S2
 S20 46 S2(2W)(CONTROL OR ADMINIST? OR MONITOR? OR COORDINAT? OR M-
 ANAG? OR DIRECT? OR MODERAT?) (2W)S1
 S21 93 S19 OR S20
 S22 88 RD S21 (unique items)
 S23 76 S22 NOT PY>2000
 S24 73 S23 NOT (S9 OR S14)
 S25 25 S24 AND (COMMAND? ? OR INSTRUCT? OR SIGNAL? OR REQUEST? OR
 PROMPT? OR GUI OR GRAPHIC? OR AUDIO OR ICON OR IMAGE? OR DIGI-
 T? OR BAR OR BARS OR SIGNAL?)

9/3,K/1 (Item 1 from file: 2)
DIALOG(R) File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

6225852 INSPEC Abstract Number: B1999-05-6130E-057, C1999-05-5260S-052
Title: A study of users' behaviors in different states of a spontaneous oral dialogue with an automatic inquiry system
Author(s): Lavelle, C.-A. ; de Calmes, M.; Perennou, G.
Author Affiliation: IRIT, Univ. Paul Sabatier, Toulouse, France
Conference Title: Proceedings 1998 IEEE 4th Workshop Interactive Voice Technology for Telecommunications Applications. IVTTA '98 (Cat. No.98TH8376) p.118-23
Publisher: IEEE, New York, NY, USA
Publication Date: 1998 Country of Publication: USA x+228 pp.
ISBN: 0 7803 5028 6 Material Identity Number: XX-1998-02250
U.S. Copyright Clearance Center Code: 0 7803 5028 6/98/\$10.00
Conference Title: Proceedings of IVTTA'98. 4th IEEE Workshop on Interactive Voice Technology for Telecommunications Applications
Conference Sponsor: IEEE Commun. Soc.; Eur. Speech Commun. Assoc.; (ESCA)
Conference Date: 29-30 Sept. 1998 Conference Location: Torino, Italy
Language: English
Subfile: B C
Copyright 1999, IEE

Author(s): Lavelle, C.-A. ; de Calmes, M.; Perennou, G.
Abstract: The observation that most of the present automatic telephonic inquiry systems remain rigid and quite unattractive for an important part of the public raises the problem of adapting dialogue strategies to potential users. We have been observing users' utterances in 6 corpuses obtained from 5 experiments with different users groups calling our DEMON automatic telephonic inquiry system for train schedule information. We especially focused on users' answer to implicit and explicit confirmation questions, and users' first utterances. We show figures...
Descriptors: automatic telephone systems...
...Identifiers: automatic telephonic inquiry systems...
? t9/3,k/2-13

9/3,K/2 (Item 1 from file: 583)
DIALOG(R) File 583:Gale Group Globalbase(TM)
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09049534
Asia telecoms this month
CHINA: GLENAYRE TO EXPAND PAGING NETWORK
Telecom Asia (ESK) Dec 1998 p.31
Language: ENGLISH

Asia telecoms this month

COMPANY: HAINAN PTA; GLENAYRE

9/3,K/3 (Item 2 from file: 583)
DIALOG(R) File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

06486127
Roaming pager progress
CHINA: ROAMING SERVICES ON COUNTRYWIDE BASIS

China Telecom, the Ministry of Posts and Telecommunications and US telecoms supplier Glenayre have carried out trials successfully linking 11 provincial paging networks. Glenayre's systems employed the Inter-switch Paging Network Protocol to demonstrate roaming and remote paging. This is the first phase of the planned Nationwide High-Speed Paging Network which will enable China Telecom to introduce advanced messaging and roaming service on a countrywide basis. *...

COMPANY: GLENAYRE ; CHINA TELECOM

9/3,K/4 (Item 3 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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06475382
Motorola to be the winner in getting paging system orders
TAIWAN: MOTOROLA WINS IN PAGING SYSTEM SUPPLY
Commercial Times (XKC) 27 May 1997 p.21
Language: CHINESE

... NT\$3 bn have nearly completed. Motorola is the biggest winner which has obtained a provincial and three regional orders. Glenayre, an United States-based telecom company, has got two regional contracts, while Ericsson has got a regional contract. *...

COMPANY: ERICSSON; GLENAYRE ; MOTOROLA

9/3,K/5 (Item 4 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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06474471
Islacom expanding its cellular coverage
PHILIPPINES: MARKETING STRATEGY OF ISLACOM
Computerworld Philippines (AKA) 15 May 1997 P.22
Language: ENGLISH

... Telekom (DT), have established a PP 2 bn investment plan for the best global communications standards. DT is the biggest GSM operator globally and a telecom player in Europe. The two companies have also begun the Stage 3 expansion programme in Metro Marina, North and South Luzon, Mindanao and Visayas. Alcatel...

COMPANY: ALCATEL; DT; DEUTSCHE TELEKOM; GLENAYRE ; ISLACOM; ISLA COMMUNICATIONS

9/3,K/6 (Item 5 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

06449565
India/Paging
INDIA: GLENAYRE BAGS INDIAN PAGING PROJECT
Asia Communications (AHV) Feb 1997 P.4

Language: ENGLISH

India-based BPL Wireless Telecom has awarded a US\$ 1.4 mn paging deal to US-based Glenayre. Under the deal, Glenayre will put in place a high-speed paging...

COMPANY: GLENAYRE ; BPL WIRELESS TELECOM

9/3,K/7 (Item 6 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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06440702

Taiwan: Chunhwa Telecom to increase capacity of paging service

TAIWAN: CHUNGHWA CAPACITY OF PAGING SERVICE UP
Economic Daily News (XKD) 06 March 1997 P.22
Language: CHINESE

Taiwan: Chunhwa Telecom to increase capacity of paging service

On 5 March 1997, Chunghwa Telecom 's the fourth paging system has started to invite tenders for the paging service in Taiwan. The tenders include Motorola from the United States, Glenayre from Canada, Tecnomen from Finland and Genie Telecom jointly invested by shareholders from Hong Kong, the United States and Australia. The paging speed of the system is more than 6,000 BPS. It...

COMPANY: GENIE TELECOM ; TECNOMEN; GLENAYRE ; MOTOROLA; CHUNGHWA TELECOM

9/3,K/8 (Item 7 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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06205654

Ermes avaa kansainvdlisen kaukohaun
FINLAND: ERMES PAGING SYSTEM MORE POPULAR
Kauppalehti (XFD) 21 Sep 1995 p. 35
Language: FINNISH

According to forecasts, a total of 15mn pagers of the Hermes standard will be used worldwide. Tecnomen of Finland has supplied Hermes systems to 10 telecom operators in the Scandinavian countries, Western Europe, Southern Europe, Middle and Far East. Approximately 15 systems are in the initial stages, while four systems are...

COMPANY: PHILIPS; ERICSSON; NOKIA; MOTOROLA; SWISSPHONE; NEC; GLENAYRE ; ERICSSON; ERMES; TECNOMEN

9/3,K/9 (Item 8 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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06160942

Korea, Canada to further cooperate in telecom fields

SOUTH KOREA: TELECOM FIELDS EXPANSION FOR KOREA
Korea Herald (XBF) 28 May 1995 P. 8

Language: ENGLISH

Korea, Canada to further cooperate in **telecom** fields
SOUTH KOREA: **TELECOM** FIELDS EXPANSION FOR KOREA

To promote bilateral relations in the **tele - communications** industry, Canada's Secretary of State, Science, Research and Development, Jon Gerrard met Korea's Minister of Information and communications, Kyong Sang-hyon at the...

... in the fields of satellite and wireless communications and software development, Korea can gain from its technological transfer and information exchanges. Presently Canada has 60 **phones** circuits owners for every 100 Canadians whereas for Korea has only 40 circuits. As the **telecom** market in North America is reaching its maturity stage, Canada can penetrate the Asian **telecom** market through partnerships. Presently Korea Telecom, Korea Mobile **Telecom** and Dacom are technological partners with Canada's Bell Canada, Glenayre and the Northern **Telecom** . *

COMPANY: NORTHERN **TELECOM** ; GLENAYRE ; BELL CANADA; KOREA MOBILE
TELECOM ; KOREA **TELECOM**

9/3,K/10 (Item 9 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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06083938
Netalco group companies bid for paging contract
INDIA: NETALCO GROUP COMPANIES QUALIFIED FOR BID
Financial Express (XAG) 25 Nov 1994 P.3
Language: ENGLISH

... Ltd, and Matrix Paging (India) Ltd are among the 25 companies qualified to bid for a paging contract to be awarded by the Department of **Telecommunications** . The success of the four companies has led to allegations that they are part of the same group, Netalco (National **Telecom** of India Ltd). Although the allegations were denied, Netalco is still expected to benefit because it is going to manufacture hardware, except pagers for the...

COMPANY: GLENAYRE ; NATL **TELECOM** OF INDIA; MATRIX PAGING (INDIA);
EASYCALL (INDIA); TELESISTEM (INDIA); ABC COMMUNICATIONS (INDIA); NETALCO

9/3,K/11 (Item 10 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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06029067
Paging companies seek new partners, delays expected
INDIA: FIRMS SEEK TO CHANGE PARTNERS FOR PAGING
Times of India (XAG) 21 Jul 1994 P.13
Language: ENGLISH

At least six out of the 15 companies shortlisted for providing radio paging services in 27 cities in India have informed the Department of **Telecommunications** (DoT) of their wish to change foreign partners. These are: 1) India **Telecom** with Singapore **Telecom** instead of Malaysia **Telecom** ; 2) Microwave Communications with Shinawatra instead of **Phone**

West; 3) Modi **Telecom** with Pactel instead of Nynex; 4) Weston Pagers with Champion Technology instead of Scanton; 5) Beltron with Glenayre instead of IMS, USA; and 6) BPL with **Telecom** Denmark instead of France **Telecom**.

COMPANY: FRANCE **TELECOM**; **TELECOM** DENMARK; BPL; IMS; **GLENAYRE**; BELTRON; SCANTON; NYNEX; PACTEL; MODI **TELECOM**; **PHONE** WEST; SHINAWATRA; MICROWAVE COMMUNICATIONS; DOT; DEPARTMENT OF **TELECOMMUNICATIONS**; MALAYSIA **TELECOM**; SINGAPORE **TELECOM**; INDIA **TELECOM**

9/3,K/12 (Item 11 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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05694397
Glenayre y Motorola consiguen los/
SPAIN - SISTELCOM-TELEMENSAJE CHOOSES SUPPLIERS
Gaceta de Los Negocios & Dinero (DIN) 10 February 1993 p17
Language: Spanish

Sistelcom-Telemensaje (Spain), radiopaging consortium, has chosen Glenayre and Motorola, **telecommunications** equipment manufacturers, as suppliers, using exchanges from Glenayre and transmitters from Motorola. Sistelcom-Telemensaje will invest Pta1.5 bil in 1993, following a Pta500 mil...

COMPANY: SISTELCOM-TELEMENSAJE; MOTOROLA; **GLENAYRE**

Industry: **Telecommunications** Hardware

9/3,K/13 (Item 12 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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05030063
Phone makers sign AMSC agreement
US - MORE MOBILE **PHONE** MANUFACTURERS SIGN AMSC AGREEMENT
Cellular Business (CBS) 0 April 1992 p6,12
ISSN: 0741-6520

Phone makers sign AMSC agreement
US - MORE MOBILE **PHONE** MANUFACTURERS SIGN AMSC AGREEMENT

American Mobile Satellite (AMSC) (US) has announced that a further nine mobile **phone** manufacturers have signed preliminary agreements to provide AMSC satellite/cellular dual-mode mobile **phones**. C Itoh, Magnavox Marine & Survey Systems, Brock **Telecom**, Toshiba, CAL, Trimble Navigation, Canadian Marconi and Glenayre have joined Hughes Network Systems, Kenwood, Mitsubishi, NEC and Philips in signing agreements with AMSC. The AMSC **phone** design specifications will be reviewed by all 14 manufacturers that have signed agreements. These manufacturers will also provide preliminary designs for review. Shareholders in AMSC...

COMPANY: AMERICAN MOBILE SATELLITE; C ITOH; MAGNAVOX MARINE & SURVEY; BROCK **TELECOM**; TOSHIBA; CAL; TRIMBLE NAVIGATION; CANADIAN MARCONI; **GLENAYRE**

Industry: **Telecommunications** Hardware

14/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
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5933962 INSPEC Abstract Number: B9807-6210D-028, C9807-7410F-050
Title: The development of a command-based speech interface for a telephone answering machine
Author(s): Gamm, S.; Haeb-Umbach, R.; Langmann, D.
Author Affiliation: Philips Speech Process., Aachen, Germany
Journal: Speech Communication vol.23, no.1-2 p.161-71
Publisher: Elsevier,
Publication Date: Oct. 1997 Country of Publication: Netherlands
CODEN: SCOMDH ISSN: 0167-6393
SICI: 0167-6393(199710)23:1/2L.161:DCBS;1-C
Material Identity Number: C760-98003
U.S. Copyright Clearance Center Code: 0167-6393/97/\$17.00
Language: English
Subfile: B C
Copyright 1998, IEE

...Abstract: a command-based speech interface for an answering machine or a voice mail system. Automatic speech recognition was integrated in order to facilitate the remote control and the retrieval of voice messages from any telephone in a speech-only dialogue. The design goal was that consumers would perceive the speech interface as a benefit compared with the common touch-tone...

... speech technology underlying the system. Then it is shown how, based on this technology, the user interface was designed in a top-down approach. We started with the development of a concept and tested it by means of a Wizard-of-Oz simulation. After refining the concept in parallel design, it ...

14/3,K/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03174425 INSPEC Abstract Number: B88046478
Title: Voice message call control algorithm applied to public switched telephone network
Author(s): Nizusawa, J.; Niyabe, H.; Hirai, J.
Author Affiliation: NTT Electr. Commun. Labs., Musashino, Japan
Journal: Transactions of the Institute of Electronics, Information and Communication Engineers B vol.J71B, no.2 p.99-110
Publication Date: Feb. 1988 Country of Publication: Japan
CODEN: DJTBEU ISSN: 0373-6105
Language: Japanese
Subfile: B

Title: Voice message call control algorithm applied to public switched telephone network

Abstract: The authors study a new algorithm which is required to introduce stored voice services within a public switched telephone network. The call control concept of stored voice messages is presented and special features are indicated. Also the relation to network architecture is discussed. Finally, one example of a service recently started, called 'DENGON-DIAL', is explained.

14/3,K/3 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

01655716 INSPEC Abstract Number: B81016962
Title: A universally applicable cassette equipment
Author(s): Sachse, G.; Buchmuller, K.
Journal: Funkschau no.24 p.81-3
Publication Date: 21 Nov. 1980 Country of Publication: West Germany
CODEN: FUSHA2 ISSN: 0016-2841
Language: German
Subfile: B

...Abstract: electronic details of the Uher CGS 3003 cassette tape recorder. Particular features include drive mechanical design to minimise acceleration disturbance effects; electronic speed selection; fast **rewinding** ; mains or low voltage power supply operation; **control** electronics in CMOS technology; dynamic noise limiting. Transparency projection **control** , **telephone message** recording, and remote **control** of several recorders are achievable by use of accessories.

14/3,K/4 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

00898176 E.I. Monthly No: EI8002015451 E.I. Yearly No: EI80071590
Title: POWER SUPPLY FOR 25 kV 50 Hz BRISBANE SUBURBAN ELECTRIFICATION.
Author: Harrison, L. C.
Corporate Source: Queensl Railw, Aust
Source: National Conference Publication - Institution of Engineers, Australia n 79/2, Electr Energy Conf, Prepr of Pap, Brisbane, Aust, May 17-18 1979. Publ by Inst of Eng, Aust, Barton, 1979 p 56-60
Publication Year: 1979
CODEN: NPIEDX ISSN: 0313-6922
Language: ENGLISH

...Abstract: feeder station and track sectioning cabin locations is discussed, and the switchgear, protection and control system are described with particular reference to the computer controlled **supervisory** system. The **supervisory** system is a computer controlled time division multiplex type which controls the network of circuit breakers supplying power to the overhead line system. Indication and command data are carried as time division multiplex telemetry **messages** over telephone type cables from the **Control** Centre.

14/3,K/5 (Item 2 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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00814699 E.I. Monthly No: EI7905038549 E.I. Yearly No: EI79091841
Title: CCIS NETWORK ADMINISTRATION.
Author: Payne, Joseph W.
Corporate Source: Bell Syst, CCIS Network Adm Cent, Cincinnati, Ohio
Source: NTC Conf Rec Natl Telecommun Conf 7th Annu Birmingham, Ala, Dec 3-6 1978. Publ by IEEE (Cat n 78CH1354-0 CSCB), New York, NY 1978 v 2 Pap 31. 5, 2 p
Publication Year: 1978

CODEN: NTCCAM
Language: ENGLISH

Abstract: The Common Channel Interoffice Signaling (CCIS) Network has become a sizable network and, by 1982, will provide signaling for over 425 thousand **telephone message** circuits. Today, the Bell System CCIS Network **Administration Center** uses many EDP tools to schedule and coordinate the implementation of CCIS and to forecast, assign and service the network. With the introduction of...

...a redundant, diverse network with dynamic controls and greater flexibility alters the traditional administration job. Administration of the CCIS Network is primarily achieved through precise **feedback** to each subsequent engineering cycle. This applies to the planning of diverse facilities for signal links as well as efficient terminal and memory utilization. The...

14/3,K/6 (Item 1 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management
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01056962 M96120260693

A critical perspective on information technology management: the case of electronic data interchange

(Eine kritische Betrachtung des Informationstechnologiemanagements: Der elektronische Datenaustausch)

Gottardi, G; Bolisani, E

ZUniv. di Padova, Vicenza, I; Univ. di Trieste, I

International Journal of Technology Management, v12, n4, pp369-390, 1996

Document type: journal article Language: English

Record type: Abstract

ISSN: 0267-5730

ABSTRACT:

...evaluation of EDI potential is carried out, in order to reduce the obstacles to the comprehension of the impacts on firms and on market structure. **Starting** from an analysis of the variety of the existing applications, a taxonomy of EDI strategic advantages is suggested.

DESCRIPTORS: INFORMATION THEORY; COMPUTER SCIENCE; TECHNOLOGY ASSESSMENT; DATA **TELECOMMUNICATION** ; **MESSAGE** ; IN PLANT INFORMATION; **MANAGEMENT** INFORMATIONS; STATE OF THE ART; DEVELOPMENTAL TREND; MULTI USER SYSTEM; AUTOMATISATION; RATIONALIZATION; STRATEGIES; CASE STUDIES; MARKET ANALYSIS; MARKET SHARE; PROBLEM SOLVING; DATA EXCHANGE; INFORMATION MANAGEMENT

14/3,K/7 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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03598498

ASCOM GFELLER LAUNCHES MESSAGE MANAGER

SWITZERLAND - ASCOM GFELLER LAUNCHES MESSAGE MANAGER

Data Communications (DAT) 0 June 1990 p96

ISSN: 0363-6399

Ascom Gfeller (Berne, Switzerland) has launched the Message Manager, designed to store incoming voice mail messages or facsimiles. Users dial into **Message Manager** and enter a password from **telephone** keypads to receive the **message**. **Voice messages** can be played instantly and faxed

messages can be downloaded to local or remote fax machines when the number of the machine is entered on the **telephone** keypad. The **Message Manager** features a terminal, modem, printer, and cabinet or rack-mounted chassis. The chassis boards are powered by single processors and are configured for each line...

...messages and 8,500 pages of text or a combination of the two can be held in a **Message Manager**. The price of the unit **starts** at SFr50k (USD1r34,200).

14/3,K/8 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
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06109894 SUPPLIER NUMBER: 57002397
MAN GETS 6 YEARS IN MACFRUGAL ARSON
Coyle, Pamela
Times - Picayune, p B1
Jul 27, 2000
NEWSPAPER CODE: NO
; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

...ABSTRACT: from a dozen "ordinary people" who called Smith dependable, industrious and kind- hearted. A key piece of evidence in the weeklong trial was a threatening **phone message** left on a top **manager** 's voice mail shortly before the first fire **started**. Six MacFrugal's supervisors testified the voice belonged to Smith; six other people, including co-workers and friends, told jurors it was not Smith. Smith...

...could not work. He asked the judge to be fair. "I understand the jury's verdict," said Smith of New Orleans. "But I did not **start** no fire at MacFrugal's and I did not make no threatening phone calls."

14/3,K/9 (Item 2 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2004 ProQuest Info&Learning. All rts. reserv.

06065752 SUPPLIER NUMBER: 56059816
THE CUTTING EDGE: FOCUS ON TECHNOLOGY; RELEASE: 3.0; The Medium Alters the Message; E-mail, the Web and cell phones are changing how we communicate--in ways that can't be fully grasped yet.
Dyson, Esther
Los Angeles Times, p 3
Jul 3, 2000
ISSN: 0458-3035 NEWSPAPER CODE: ANGE
; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

ABSTRACT: I thought of all this when I met with a **start** -up called Nerve Wireless, with plans for a WAP (wireless application protocol) business tool set that would let the user **manage** an enterprise from a cell **phone**, with structured **messages** to **manage** contact lists, scheduling, reminders and various work processes. "**Manage** an enterprise?" I asked with some disdain. Well, a small enterprise or a team or a project, anyway! It would be overgeneralizing to say that...

14/3,K/10 (Item 3 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
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05691790

When Monitoring Workers Becomes Overly Intrusive
Grimsley, Kirstin Downey

Washington Post, Sec E, p 1, col 1

Sep 1, 1999

ISSN: 0190-8286 NEWSPAPER CODE: WP

DOCUMENT TYPE: Commentary; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Long (18+ col inches)

...ABSTRACT: be the job from hell, with a supervisor who micromanaged his employees. I learned I was constantly being watched via a two-way mirror, my **phone** calls and **voice** -mail **messages** were being **monitored**, and my computer files were being reviewed. It has become so harassing, and causes me so much stress, that my hair has **started** falling out. In the workplace, however, surreptitious observation is an increasingly common phenomenon, particularly as tiny, concealed video cameras and inexpensive computer-monitoring software make...

14/3,K/11 (Item 4 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
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04505201

Report chides Head Start operation

Dyer, R A

Houston Chronicle, Sec A, p 16, col 4

Apr 8, 1997

ISSN: 1074-7109 NEWSPAPER CODE: HC

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Medium (6-18 col inches)

Report chides Head Start operation

ABSTRACT: The latest review of the Harris County TX **Head Start** program, coming just weeks after the dismissal of the agency's executive director, was issued by Empirical Management Services, a private consulting firm. The inch-thick report cites a lack of sound management, direction, control and accountability at the \$46 million-a-year agency. **Head Start** is a federally funded program providing education, meals and some medical services to poor pre-schoolers. Gulf Coast Community Services Association, the agency overseeing **Head Start**, in recent years has returned millions of dollars in government grants after federal and state monitors found similar deficiencies. Reuben Brown, board chairman of Gulf Coast Community Services, and Jacqueline Bennett Griffin, its interim **director**, did not return **phone messages** Monday. Ruth Marshall, the **director** of **Head Start**, declined comment, saying she has not yet seen the report.

DESCRIPTORS: **Head Start** project...

14/3,K/12 (Item 5 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2004 ProQuest Info&Learning. All rts. reserv.

04435416

A Voice for Jews Shows Range and Resonance

Bruni, Frank

New York Times, Sec 1, p 8, col 3

Feb 16, 1997

ISSN: 0362-4331 NEWSPAPER CODE: NY

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Long (18+ col inches)

ABSTRACT: It's CNN, '' pleaded a secretary as she delivered another sheaf of pink **telephone messages** to Elan Steinberg, executive **director** of the World Jewish Congress, and Israel Singer, its secretary general. Mr. Steinberg shook his head. CNN could wait. He and his colleagues at the...

...walking taller than ever these days because their admirers and detractors agree: if credit is due to a single group for getting Swiss officials to **acknowledge** the issue of dormant accounts and Switzerland's dealings with the Nazis, it is due to the World Jewish Congress -- under the leadership of Mr...

?

25/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

5031839 INSPEC Abstract Number: B9510-8540E-001, C9510-3395-003
Title: Remote building management and DDC-technology to operate distributed HVAC-installations
Author(s): Fischer, H.; Zieger, H.R.
Author Affiliation: Staefa Control Syst. GmbH, Leinfelden-Echterdingen, Germany
Conference Title: Telescon 94, Berlin. First International Telecommunication Energy Special Conference p.127-32
Publisher: VDE, Frankfurt/Main, Germany
Publication Date: 1994 Country of Publication: West Germany 484 pp.
Conference Title: Proceedings of the First International Telecommunications Energy Conference
Conference Sponsor: AEG; AEROTECH; ALPHA; ANT; ASCOM FRAKO; AT & T; BAE; BEST; et al
Conference Date: 11-15 April 1994 Conference Location: Berlin, Germany
Language: English
Subfile: B C
Copyright 1995, IEE

...Abstract: stand-by power equipment, optimal operating conditions in thermally influenced machine rooms must be created. The authors discuss the independent operation of buildings using direct **digital** control including ventilation and instrumentation, the redundancy concept and alarm management. The authors discuss the communication aspects of remote management of telecommunication buildings including message processing. They then describe the management station and its operation.
...Descriptors: direct **digital** control...
...Identifiers: direct **digital** control...

25/3,K/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

04130452 INSPEC Abstract Number: B9205-6210G-009
Title: Voice messaging and beyond: an introduction
Author(s): Anttonen, J.
Journal: Telecommunications (International Edition) vol.26, no.2 p. 78, 80, 83-4
Publication Date: Feb. 1992 Country of Publication: USA
CODEN: TLCOAY ISSN: 0040-2494
Language: English
Subfile: B

...Abstract: services. A voice mail service combined with a mobile cellular phone has become a relatively common application. Voice messaging applications can be used for other **digital** data such as fax. Integrated voice and fax processing systems handle messages in voice and **image** format, and are capable of **directing** these messages to the telephone or fax machines of the recipient. The user controls the transmission and reception of fax messages through the telephone keypad in the same way as ...
...Identifiers: **digital** data

25/3,K/3 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

04112162 INSPEC Abstract Number: B9204-6260-143
Title: **Implementation developments for fiber-to-the-home in Finland**
Author(s): Saijonmaa, J.; Kilpi, R.A.; Kolu, K.
Author Affiliation: Nokia Res. Center, Finland
Conference Title: **Speakers' Papers. 6th World Telecommunication Forum.**
Part 2. Technical Symposium. Integration, Interoperation and
Interconnection: The Way to Global Services p.47-50 vol.2
Publisher: Int. Telecommun. Union, Geneva, Switzerland
Publication Date: 1991 Country of Publication: Switzerland 3 vol.
(355+529+207) pp.
Conference Sponsor: Int. Telecommun. Union; et al
Conference Date: 10-15 Oct. 1991 Conference Location: Geneva,
Switzerland
Language: English
Subfile: B

...Abstract: focus on a minimum cost and flexible provision of POTS and ISDN to residential customers, access network management requirements, integration of telemetry and possibly CATV **control messages** and cordless **telephony** support. The fibre to the home concept is based on a passive optical network, for which a laboratory system was built during 1990 demonstrating the integration of CATV (analog FM) and ISDN (**digital** modulation in an RF channel) within the same fibre. An extension of the concept supporting 2Mbit/s customer **signals** has been analysed.

25/3,K/4 (Item 4 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03750086 INSPEC Abstract Number: B90071472, C90072894
Title: **Advertisement and message information in the customer-use phone information directory system**
Author(s): Mutoh, N.; Takahashi, K.
Author Affiliation: NTT Corp., Tokyo, Japan
Journal: NTT R & D vol.39, no.6 p.857-64
Publication Date: 1990 Country of Publication: Japan
CODEN: NTTDEC ISSN: 0915-2326
Language: Japanese
Subfile: B C

...Abstract: services in addition to a telephone directory service. In the advertisement service, customers can input and store advertisements as well as access them in text, **image** and video form. With the message service, customers can send simple **messages** using the **telephone directory** for indexing. They have confirmed those services through a field test, where the advertisements of about 400 subscribers were input. They also describe storing, updating...

...Identifiers: text/video/ **image** advertisements...

25/3,K/5 (Item 5 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

02775506 INSPEC Abstract Number: D87000187

Title: Special product review: communications (for banks)
Journal: Bank Systems & Equipment vol.23, no.3 p.88-96
Publication Date: Sept. 1986 Country of Publication: USA
CODEN: BSEQD6 ISSN: 0146-0900
Language: English
Subfile: D

...Abstract: lists a variety of devices that keep information moving to help financial institutions keep pace with their business needs. Over 80 products are listed, including **message** routes, **telephone management** systems, network nodes, voice/data workstations and multiplexers. Each product is described briefly and a product card enables further information to be **requested**.

25/3,K/6 (Item 6 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

02669450 INSPEC Abstract Number: B86037670, C86028363
Title: The multiservice automatic switching unit OPUS 4000
Author(s): Baudoin, M.; Le, L.; Mejane, J.R.; Seveque, F.; Anizan, P.
Author Affiliation: Thomson-CSF Telephone, Paris, France
Journal: Commutation & Transmission vol.7, no.4 p.25-40
Publication Date: 1985 Country of Publication: France
CODEN: COTNDL ISSN: 0242-1283
Language: English
Subfile: B C

Abstract: OPUS 4000 is a **digital** multiservice business automatic switching unit designed to serve 200 to 4000 users. Integration of the services provides the following: **telephone** services, **directory**, data communication, **voice message** and written message services. The system is built around a central multiprocessor unit and provide to the users **digital** voice and data communication sets. Safety is ensured by redundancy of the main components.

...Descriptors: **digital** communication systems
...Identifiers: **digital** voice communication sets...

... **digital** multiservice business automatic switching unit

25/3,K/7 (Item 7 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

00265120 INSPEC Abstract Number: C71012857
Title: ITT 3200 computer for real-time data processing
Author(s): Yelloz, G.; Cagnac, T.; Le Gall, A.P.; Fruchard, C.J.
Journal: Electrical Communication vol.46, no.1 p.60-7
Publication Date: 1971 Country of Publication: UK
CODEN: ELCMAX ISSN: 0013-4252
Language: English
Subfile: C

Abstract: Computers are increasingly used to **control telephone** - and **message** - switching systems. The ITT 3200 computer is of modular construction so that it can be adapted to individual needs. It is flexible for scientific calculation...

...Descriptors: **digital** computers

25/3,K/8 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS
(c) 2004 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1448638 NTIS Accession Number: AD-A207 920/0

Pricing as a Demand Management Tool for Record Communications

(Master's thesis)

DiMaggio, K. A.

Naval Postgraduate School, Monterey, CA.

Corp. Source Codes: 019895000; 251450

Mar 89 55p

Languages: English Document Type: Thesis

Journal Announcement: GRAI8918

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A04/MF A01

Descriptors: Records management ; * Message processing; * Telecommunications ; *Communications networks; Cost analysis; Cost estimates; Cost models; Costs; Delay; Motivation; Navy; Theses; User needs; Volume; Communication and radio systems; Command and control systems

25/3,K/9 (Item 2 from file: 6)
DIALOG(R)File 6:NTIS
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0521834 NTIS Accession Number: AD-A015 960/8/XAB

Advance Identification of Catastrophic Traffic Build-Up in the Naval Telecommunication Command

(Research rept)

Roumaya, L. T.

Naval Academy Annapolis Md

Corp. Source Codes: 245600

Report No.: USNA-TSPR-73

2 Jun 75 95p

Journal Announcement: GRAI7525

Report on a Trident Scholar Project.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A05/MF A01

Advance Identification of Catastrophic Traffic Build-Up in the Naval Telecommunication Command

The Naval Telecommunication Command (NAVTELCOM) carries out for the Chief of Naval Operations, The Dept. of Navy's responsibilities for defense telecommunications. A fundamental problem with the Fleet Broadcast...

Descriptors: Communications traffic; * Message processing; * Telecommunication ; *Radio broadcasting; Control ; Scheduling; Automation ; Fleets(Ships); Command and control systems; Computerized simulation; Computer programs; Digital computers; Naval equipment; Naval operations

25/3,K/10 (Item 1 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)
(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

04984460 E.I. No: EIP98034144299

Title: Voice message connection control for PSTN and N-ISDN subscribers in ATM switching system

Author: Park, Hyeon; Hong, Sung-Back; Lee, Yong-Kyun

Corporate Source: Electronics and Telecommunications Research Inst, Taejon, South Korea

Source: IEICE Transactions on Communications v E81-B n 2 Feb 1998. p 333-339

Publication Year: 1998

CODEN: ITRCEC ISSN: 0916-8516

Language: English

Descriptors: Asynchronous transfer mode; Telephone systems; Voice/data communication systems; Telecommunication services; Congestion control (communication); Pulse code modulation; **Signal encoding**

Identifiers: **Voice message connection control**; Public switched telephone networks (PSTN); Narrowband integrated services **digital** networks (N ISDN)

25/3,K/11 (Item 2 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)
(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

01628439 E.I. Monthly No: EIM8402-012148

Title: MANAGING DX200 SOFTWARE DEVELOPMENT AND PRODUCTION.

Author: Karjalainen, U.; Kurru, K.

Corporate Source: Telenokia Oy, Finl

Conference Title: 5th International Conference on Software Engineering for Telecommunication Switching Systems.

Conference Location: Lund, Swed Conference Date: 19830704

E.I. Conference No.: 03487

Source: IEE Conference Publication n 223. Publ by IEE, London, Engl and New York, NY, USA p 110-115

Publication Year: 1983

CODEN: IECPB4 ISBN: 85296276-2

Language: English

Identifiers: DX200; SOFTWARE DEVELOPMENT; MULTIPROCESSOR NETWORKS; DECENTRALIZED **DIGITAL** SWITCHING SYSTEMS; **CONTROL** SYSTEMS; MICROCOMPUTERS; **TELEPHONE** NETWORKS; **MESSAGE** BUSES

25/3,K/12 (Item 3 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)
(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

01508434 E.I. Monthly No: EI8404030771 E.I. Yearly No: EI84031624

Title: INTEGRATING VOICE IN THE OFFICE WORLD.

Author: Nicholson, Robert T.

Corporate Source: Sydis Inc, San Jose, Calif

Source: Byte v 8 n 12 Dec 1983 p 177-178, 180

Publication Year: 1983

CODEN: BYTEDJ ISSN: 0360-5280

Language: ENGLISH

...Abstract: the voice is examined as the most natural form of human

communication with the computer. The ability to record a spoken message and store it **digitally** in a computer system opens a whole new range of applications. **Voice messages , telephone directory** for automatic dialing, dictation, voice editing, voice recordings for document annotation, notification of events, and other voice applications are explored, that can be used as data functions. These voice-as-data functions are being distinguished from voice recognition applications which involve processing and recognition of the **audio** -input. Integration of voice and data requirements on software are discussed and the use of the integrated systems in office automation is envisioned. 6 refs.

25/3,K/13 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2004 Inst for Sci Info. All rts. reserv.

01691032 Genuine Article#: HT553 No. References: 30
Title: ROUTING AND CONGESTION CONTROL IN COMMON CHANNEL SIGNALING SYSTEM NO-7

Author(s): JABBARI B
Corporate Source: GEORGE MASON UNIV,DEPT ELECT & COMP
ENGN/FAIRFAX//VA/22030
Journal: PROCEEDINGS OF THE IEEE, 1992, V80, N4 (APR), P607-617
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

Title: ROUTING AND CONGESTION CONTROL IN COMMON CHANNEL SIGNALING SYSTEM NO-7

Abstract: Signaling networks based on the Common Channel Signaling System No. 7 (SS7) protocol provide a specialized packet switching network for transporting call **control messages** of **telecommunications** networks. Two major differences distinguish these specialized packet networks from classical packet switched networks: high performance for large volume of offered traffic and high degree of reliability. These attributes are further emphasized due to emerging telecommunications services such as those using the intelligent network concept and increased **signaling** traffic load from transport networks. Indeed, the SS7 protocol has been designed with two objectives in mind, the ability to provide high performance and maintain robustness when failures and changing conditions occur. Therefore, two important issues in **signaling** networks, namely routing and congestion control mechanisms are of particular interest within this protocol as unavailability or congestion of the path or a node may...

...domestic version of the standard for North America), to the extent possible. We illustrate the provisions existing in the layers of the protocol applicable to **signaling** networks and discuss the functions and the rationale for their existence. We further contrast the routing and congestion control functions within the **signaling** network to those present in a representative connectionless network, ARPANET, and a representative connectionless network architecture, DNA. Finally, we discuss the performance of the **signaling** network due to some aspects of routing and congestion control.

25/3,K/14 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus
(c)2004 Japan Science and Tech Corp(JST). All rts. reserv.

04821252 JICST ACCESSION NUMBER: 01A0233132 FILE SEGMENT: JICST-E
Reliability Test of The Ground VHF Voice Services under DCAAS on The Little

LEO Satellite.

KIM K-Y (1)

(1) Korea Orbcomm Ltd., Seoul, Kor

Denshi Joho Tsushin Gakkai Gijutsu Kenkyu Hokoku (IEIC Technical Report
(Institute of Electronics, Information and Communication Engineers),
2000, VOL.100, NO.484 (SAT2000 85-98), PAGE.43-48, FIG.3

JOURNAL NUMBER: S0532BBG

UNIVERSAL DECIMAL CLASSIFICATION: 621.396

LANGUAGE: English

COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

...ABSTRACT: between existing terrestrial VHF users and Little LEO satellite VHF network system due to up-links of 148-150.05MHz frequency band sharing. Korea also **requested** a certain demonstration of Orbcomm's Interference avoidance methodology as the terms desired of GMPCS' service license. This paper shows how to avoid interference to terrestrial system user (MS) using DCAAS (Dynamic Channel Activity Assignment System) operation, and measuring results of **voice message phoneme** disruption **monitoring** with push-to-talk mobile receivers in various distances, and frequency off-sets between MES (Mobil Earth Station) and MS (push-to-talk receiver). (author...

25/3,K/15 (Item 2 from file: 94)

DIALOG(R) File 94:JICST-EPlus

(c) 2004 Japan Science and Tech Corp (JST). All rts. reserv.

01261186 JICST ACCESSION NUMBER: 91A0449437 FILE SEGMENT: JICST-E

Bulletin board system for diabetic home aid (First report).

YOSHIDA MICHIO (1); SHIBA YUICHI (1); TODO RYOHEI (1); FURUKAWA TOSHIYUKI
(1); INADA HIROSHI (2)

(1) Osaka National Hospital; (2) National Cardiovascular Center

Iryo Johogaku (Japan Journal of Medical Informatics), 1991, VOL.10, NO.4,
PAGE.389-393, FIG.4, REF.3

JOURNAL NUMBER: Y0510AAE ISSN NO: 0289-8055

UNIVERSAL DECIMAL CLASSIFICATION: 61:002 681.3.02:61

LANGUAGE: Japanese

COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Short Communication

MEDIA TYPE: Printed Publication

...ABSTRACT: provides a mail system, a bulletin board, file transfer and a questionnaire for patients. The aim was to construct a system for on-line patient **management**. Although **messages** transferred by **telephone** are quicker than those by this system, it is proving useful for the exchange of information which needs to be checked within a couple of days. This method seems suitable for clinical applications such as the management of diabetics in which patients need to take care of themselves under the **instruction** of medical staff. Further benefits will be available when the user-interface for patients is improved. (author abst.)

25/3,K/16 (Item 1 from file: 95)

DIALOG(R) File 95:TEME-Technology & Management

(c) 2004 FIZ TECHNIK. All rts. reserv.

01285400 E99010612367

Marktuebersicht: Standardsoftware fuer NT

anonym

NT Magazin, v8, n2, pp85,86,88-90,92-95, 1999

Document type: journal article Language: German

Record type: Abstract

ISSN: 0948-678X

DESCRIPTORS: APPLICATION SOFTWARE; DATA **TELECOMMUNICATION** ; BUSINESS
MANAGEMENT ; **MESSAGE** PROCESSING; SPREADSHEET PROGRAM; COMPUTER **GRAPHICS**
; PRODUCT COMPARISONS; SOFTWARE SELECTION; MARKET REVIEW

25/3,K/17 (Item 2 from file: 95)

DIALOG(R)File 95:TEME-Technology & Management

(c) 2004 FIZ TECHNIK. All rts. reserv.

00936604 E95100904268

**Das Thema Nummer 1: Sex und Pornos in den Datennetzen. Ist das Internet ein
Suendenpfehl?**

Hoenicke, I

Computerwoche, v22, n42, pp66-68, 1995

Document type: journal article Language: German

Record type: Abstract

ISSN: 0170-5121

ABSTRACT:

Um den Ruf der Online-Dienste ist es zur Zeit nicht gut bestellt. Negative
Schlagzeilen kratzen am **Image** der Online-Dienste. Grund dafuer ist die
zunehmende Computerpornographie in diesen Medien. Berichtet wird ueber die
Computerpornographie in Datennetzen. Angeboten wird sie vorwiegend in
Mailboxen...

DESCRIPTORS: DATA NETWORKS; ON LINE PROCESSING; INTERACTIVE VIDEOTEX; E
MAIL; COMPUTER NETWORKS; MICROCOMPUTERS; COMPUTER CRIME; CONVERSATIONAL
MODE; SERVICE; JUDICIAL SUBJECTS; USERS; **MESSAGE** ; POSTAL **ADMINISTRATION**
; **TELECOMMUNICATION**

25/3,K/18 (Item 3 from file: 95)

DIALOG(R)File 95:TEME-Technology & Management

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00514988 E91110701277

Eines fuer alle? Integrierte Pakete

Borchers, D

PC Welt, v44, n12, pp64-66, 1991

Document type: journal article Language: German

Record type: Abstract

ISSN: 0175-0496

DESCRIPTORS: HARD DISCS; LAPTOPS; PROGRAM PACKAGE; DATA TRANSMISSION;
QUEUEING THEORY; DATA TABLES; DATA BANK; **MESSAGE** PROCESSING; DATA
TELECOMMUNICATION ; FILE **MANAGEMENT** ; COMPUTER PERIPHERAL EQUIPMENT;
COMPUTER NETWORKS; **GRAPHIC** DATA PROCESSING; COMPATIBILITY; COMPUTER
PERFORMANCE; INNOVATIONS; DATA STORAGE; NOTEBOOK COMPUTERS

25/3,K/19 (Item 1 from file: 144)

DIALOG(R)File 144:Pascal

(c) 2004 INIST/CNRS. All rts. reserv.

10496048 PASCAL No.: 93-0005299

Routing and congestion control in common channel signaling system No.7
: **Common channel signaling**
BIJAN JABBARI
George Mason univ., dep. electrical computer eng., Fairfax VA 23030-4444,
USA
Journal: Proceedings of the IEEE, 1992, 80 (4) 607-617
Language: English

Routing and congestion control in common channel signaling system No.7
: **Common channel signaling**
Signaling networks based on the Common Channel Signaling System No/ 7 (SS7) protocol provide a specialized packet switching network for transporting call **control messages** of **telecommunications** networks. Two major differences distinguish these specialized packed networks from classical packet switched networks: high performance for large volume of offered traffic and high degree of reliability. These attributes are further emphasized due to emerging telecommunications services such as those using the intelligent network concept and increased **signaling** traffic load from transport networks
English Descriptors: Packet switching; Transmission protocol;
Telecommunication network; Routing; Performance; OSI model; **Signal** device; Specification; Traffic congestion

French Descriptors: Commutation paquet; Protocole transmission; Reseau telecommunication; Acheminement; Performance; Modele OSI; **Signalisation** ; Specification; Congestion trafic

25/3,K/20 (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 EBSCO Pub. All rts. reserv.

00327400 93PK10-215
Remote E-mail packages
Crowley, Eileen
PC WEEK , October 18, 1993 , v10 n41 p125-128, 2 Page(s)
ISSN: 0740-1604
Company Name: cc:Mail; Microsoft; Beyond; Devont Software
Product Name: cc:Mail Mobile; Microsoft Mail; BeyondMail Remote Access
; Einstein Electronic Mail

... a remote client. Features a table comparing 13 specifications of 12 products from 12 companies. Compares the following features: operating systems supported, palmtops and personal **digital** assistants supported, modem setup strings supported, connection options, **phone** book options, **message** manipulation capabilities, **directory** synchronization, on-line technical support, and price and warranty information. Includes the articles: "'Road Warriors Stay in Loop With Remote Mail'" (p125) b Aileen Crowley...

25/3,K/21 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

09011265
Retelevision presentara Servivoz que permite gestionar el correo elect\
SPAIN: RETEVISION INTERNET VOICE ACCESS
La Gaceta de los Negocios (ZDA) 03 Nov 1998 p.41

Language: SPANISH

The Spanish telephone operator Retevision will launch a personal system to manage E-mail messages by telephone (with no connection to Internet). The new product is named 'Servivoz'. The company will also present an Internet access package to be used through its Iddeo platform, which targets small and medium companies. Another product to be launched is the data, sound and image Digital Network of Integrated Services (RDSI).

25/3,K/22 (Item 2 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

04660789
The Message Manager multimedia messaging system can handle
UK - ASCOM OFFERS VOICE/ IMAGE /DATA MESSAGING SYSTEM
Telephony (TLY) 0 November 1991 p63-64
ISSN: 0040-2656

UK - ASCOM OFFERS VOICE/ IMAGE /DATA MESSAGING SYSTEM

Ascom Telecommunications' Message Manager, for standalone or PBX remote operation with 100-5k mailboxes, handles voice, data and images received via fax, or cellular or standard phone. Various combinations of sizes and port numbers provide 8-182 hours storage.

25/3,K/23 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2004 ProQuest Info&Learning. All rts. reserv.

05718072
SHE'S GOT YOUR NUMBER Voice behind voice mail speaks up
Keating, Stephen
Denver Post, Sec F, p 1, col 2
Sep 13, 1999
NEWSPAPER CODE: DP
DOCUMENT TYPE: Feature; Newspaper
LANGUAGE: English RECORD TYPE: ABSTRACT
LENGTH: Long (18+ col inches)

...ABSTRACT: works for a number of clients but is perhaps best known as the current voice for the Baby Bells' voice mail systems - the virtual attendant managing the phone messages of the masses. Her voice, as they say of singers, is her instrument. She's from the Midwest, with perhaps the perfect lineage to become...

...DESCRIPTORS: Audio recordings

25/3,K/24 (Item 1 from file: 1)
DIALOG(R)File 1:ERIC
(c) format only 2004 The Dialog Corporation. All rts. reserv.

00575782 ERIC NO.: ED249792 CLEARINGHOUSE NO.: FL014620
Spanish: Familiarization and Short-Term Training.
Arbelaez, Vicente; And Others;
CORP. SOURCE: Foreign Service (Dept. of State), Washington, DC. Foreign Service Inst. (FGK27300)

567pp.
1983 (19830000)

...in Spanish language and culture for government employees going to work in Spanish-speaking countries contains an introductory section and 38 lessons and 10 related **audio** cassettes intended as the basis for a ten-week program with an **instructor**. The lessons cover these topics: the alphabet and names; classroom greetings and phrases; useful signs, phrases, exchange, and nationality information; hotel language needs and calendar and weather information; restaurants and tipping; babysitters; telephone conversations; asking for **directions**; taking **telephone messages**; asking for **directions** inside a building; dealing with wrong telephone numbers; public transportation; leaving telephone messages; using the familiar form; conversations when meeting people; placing a long-distance

...office workers; dealing with an emergency; and household repairs. Lists of phrases for use with service personnel, body parts and medical terms, important signs and **signals**, and food and kitchen vocabulary are appended. (MSE)

DESCRIPTORS: Course Descriptions; *Daily Living Skills; Foreign Countries; Government Employees; **Instructional Materials**; *Intensive Language Courses; *Interpersonal Communication; Language Skills; Second Language **Instruction**; *Spanish; Travel; *Vocabulary

25/3,K/25 (Item 2 from file: 1)
DIALOG(R) File 1:ERIC
(c) format only 2004 The Dialog Corporation. All rts. reserv.

00305079 ERIC NO.: ED138774 CLEARINGHOUSE NO.: CE010944
Competency Based Curriculum. Pre-Vocational Business & Office Cluster. Two.

CORP. SOURCE: West Virginia State Vocational Curriculum Lab., Cedar Lakes.
(BBB14503)
336pp.

1976 (19760000)
NOTES: For a related document see CE 010 943
SPONSORING AGENCY: West Virginia State Dept. of Education, Charleston.
Bureau of Vocational, Technical, and Adult Education. (ZJF95105)

...flow chart, reading an 80-column punched card, understanding a form of computer language (the blinking lights--binary numbers), making appointments, receiving office callers, taking **telephone messages**, using the **telephone directory**, placing **telephone** calls, preparing a telegram, folding letters, wrapping packages for mailing, figuring amount of postage, using the ZIP Code Directory, making out an itinerary, completing a...

...preparing an agenda, filling in a deed, making out a receipt, preparing statements, making decisions about requisitions, using the paper cutter, using the cash register. **Instructions** and evaluation procedures are outlined for the teacher. (TA)

DESCRIPTORS: Basic Skills; *Business Skills; *Career Exploration; Competency Based Education; Curriculum Development; Curriculum Guides; **Instructional Materials**; Intermediate Grades; Junior High Schools; *Learning Activities; Office Occupations Education; *Office Practice; Prevocational Education; Resource Materials; Secondary Education

?

File 348:EUROPEAN PATENTS 1978-2004/Apr W04

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040415,UT=20040408

(c) 2004 WIPO/Univentio

Set	Items	Description
S1	174268	TELECOM? OR TELEPHON? OR PHONE? OR TELE() (COM OR COMMUNICA- T?)
S2	12666	(VOICE OR SOUND? ? OR ORAL OR ORATORY OR SPEECH OR SPEAK? - OR TALK? OR VOCAL? OR VERBAL OR AUDIO OR S1) (2N)MESSAGE? ?
S3	1002	S1 (5N)S2 (5N) (CONTROL OR ADMINIST? OR MONITOR? OR COORDINAT? OR MANAG? OR DIRECT? OR MODERAT?)
S4	72009	REPOSITION? OR RE()POSITION? OR (START? OR STOP? OR PAUSE - OR FASTFORWARD? OR FAST()FORWARD? OR REWIND? OR RE()WIND?) (5N-) (COMMAND? ? OR INSTRUCT? OR SIGNAL? OR REQUEST? OR PROMPT?)
S5	25370	(FEEDBACK? ? OR FEED()BACK? ? OR ACKNOWLEDGE? OR SUPERVISO- RY) (5N) (GUI OR GRAPHIC? OR AUDIO OR ICON OR IMAGE? OR DIGIT? - OR BAR OR BARS OR SIGNAL?)
S6	37	S3 (S) (S4 OR S5)
S7	37	IDPAT (sorted in duplicate/non-duplicate order)
S8	36	IDPAT (primary/non-duplicate records only)
S9	32	S8 NOT AD=20000810:20040510/PR
S10	14	S9 AND IC=H04M
S11	38	S3 AND IC=H04M-001/64
S12	38	IDPAT (sorted in duplicate/non-duplicate order)
S13	37	IDPAT (primary/non-duplicate records only)
S14	25	S13 NOT AD=20000810:20040510/PR
S15	1	S14 AND S9
S16	0	S15 NOT S10
S17	18	S9 NOT S10
S18	9	S9 (S) S5
S19	5	S18 NOT S10
S20	1	S14 (S) S5
S21	0	S20 NOT (S10 OR S19)

10/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

01313485

Communication system with multicarrier telephony transport
Kommunikationssystem mit Mehrtragertelefonubertagbarkeit
Systeme de communication de transmission telefonique a porteuses multiples
PATENT ASSIGNEE:

ADC Telecommunications, Inc., (697353), 12501 Whitewater Drive,
Minnetonka, MN 55343, (US), (Applicant designated States: all)

INVENTOR:

Dapper, Mark J., 6558 Baywood Lane, Cincinnati, Ohio 45224, (US)
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Chiappetta, Joseph F., 6 Ranch Drive, Trumbull, Connecticut 06611, (US)
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(US)

LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis et al (28273), BERESFORD & Co. 2-5 Warwick
Court, High Holborn, London WC1R 5DH, (GB)

PATENT (CC, No, Kind, Date): EP 1122650 A2 010808 (Basic)
EP 1122650 A3 020116

APPLICATION (CC, No, Date): EP 2001201516 970124;

PRIORITY (CC, No, Date): US 10497 960124; US 10506 960124; US 673002 960628
; US 650408 960520

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 882268 (EP 97903135)

INTERNATIONAL PATENT CLASS: G06F-017/14; H04L-001/00; H04L-001/24;

H04L-005/02; H04L-005/14; H04L-012/10; H04L-012/12; H04L-012/26;
H04L-012/28; H04L-012/44; H04L-027/26; **H04M-007/00** ; H04L-027/34;
H04L-025/03

ABSTRACT WORD COUNT: 101

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200132	713
SPEC A	(English)	200132	79700
Total word count - document A			80413
Total word count - document B			0
Total word count - documents A + B			80413

...INTERNATIONAL PATENT CLASS: **H04M-007/00**

...SPECIFICATION to a second predetermined bit error rate value to determine if the n-bit channel is corrupted.

In yet another alternate embodiment, a method for **monitoring** at least one **telephony** communication channel includes equalizing a signal on the channel and **monitoring** the equalization of the signal to produce a probable bit error rate as a function of the equalization.

In still yet another alternate embodiment, a method for **monitoring** at least one unallocated **telephony** communication channel includes periodically **monitoring** the at least one unallocated **telephony** communication channel. Error data for the at least one unallocated **telephony** communication channel accumulated and the at least one unallocated **telephony** communication channel is allocated...

...phase, and timing of the head end, all with minimal overhead to the transmission of payload data within the system. A special non-valid data **signal** is used to **signal** the **start** of a training pattern for acquisition purposes. Maintaining accurate power balancing or leveling among the remote units transmitting upstream to the head end is both... coaxial RF outputs from the active CXMUs 56, each within a 6 MHz frequency band, and combines them at combiner 25 into a single RF **signal**. Each 6 MHz frequency band is separated by a guard band as is known to one skilled in the art. Downstream telephony information is then...of the RF spectrum of 5-40 MHz which is not utilized for upstream telephony transport such that it is transmitted along with the upstream **telephony** information.

The upstream **telephony** receiver 16 has dual receivers 502 for the dual upstream optical fiber feeders lines 26. These feeder lines 26 carry redundant signals from the ODN...

...number may vary. They include: a downstream video feeder line 42 (single fiber from video splitter 38), a downstream telephony feeder line 24 (from downstream **telephony** transmitter 14), a downstream **telephony** protection feeder line 24 (from downstream **telephony** transmitter 14), an upstream **telephony** feeder line 26 (to upstream **telephony** receiver 16), an upstream protection feeder line 26 (to upstream telephony receiver 16), and a spare fiber (not shown). The ODN 18 provides protection switching...

10/3,K/2 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01101065

Information communication terminal with charging management function
Informationsdatenstation mit Gebuhrenmanagementfunktion
Terminal de reseau de l'information avec une fonction de gestion de
facturation

PATENT ASSIGNEE:

NEC CORPORATION, (236690), 7-1, Shiba 5-chome, Minato-ku, Tokyo, (JP),
(Applicant designated States: all)

INVENTOR:

Ishida, Hiromichi, Nec Shizuka Ltd., 800, Shimomata, Kakagawa-shi,
Shizuoka, (JP)

LEGAL REPRESENTATIVE:

VOSSIUS & PARTNER (100314), Siebertstrasse 4, 81675 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 966172 A2 991222 (Basic)

APPLICATION (CC, No, Date): EP 99108633 990512;

PRIORITY (CC, No, Date): JP 98132180 980514

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04Q-007/38; H04M-011/00

ABSTRACT WORD COUNT: 126

NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199951	634
SPEC A	(English)	199951	8196
Total word count - document A			8830
Total word count - document B			0
Total word count - documents A + B			8830

...INTERNATIONAL PATENT CLASS: H04M-011/00

...SPECIFICATION a telephone number directory buffer 8a as a telephone number directory work area, a telephone number directory memory 8b for accumulating and storing telephone number **directory** data information, a dial board 9 for extracting a **telephone** number to be linked to an outgoing **message** from **telephone** number **directory** contents and storing it, a transmission buffer 10a serving as an outgoing message work area, an outgoing message memory 10b for storing outgoing message information...

...for converting an outgoing message into a DTMF signal by replacing it with a push-phone key code, a speaker 16 for outputting a tone **signal**, a caller charging **supervisory** control section 17 for identifying the destination of an outgoing message from a destination telephone number, calculating a call charge corresponding to each charge table, and performing management control on charging lists, and a charge table memory section 18 for extracting a **telephone** number to be linked to an outgoing **message** from **telephone** number **directory** contents, and storing a plurality of charging lists.

The modulated signal obtained through the antenna section 1 is demodulated by the radio section 2. A...a telephone number directory buffer 8a as a telephone number directory work area, a telephone number directory memory 8b for accumulating and storing telephone number **directory** data information, a dial board 9 for extracting a **telephone** number to be linked to an outgoing **message** from **telephone** number **directory** contents and storing it, a transmission buffer 10a serving as an outgoing message work area, an outgoing message memory 10b for storing

outgoing message information...

...for converting an outgoing message into a DTMF signal by replacing it with a push-phone key code, a speaker 16 for outputting a tone signal, a caller charging **supervisory** control section 17 for identifying the destination of an outgoing message from a destination telephone number, calculating a call charge corresponding to each charge table, and performing management control on charging lists, a charge table memory section 18 for extracting a **telephone** number to be linked to an outgoing message from **telephone** number **directory** contents, - and storing a plurality of charging lists, an IrDA device 20 as a means for loading data to correct/edit or rewrite the contents...

10/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

01020336
CONVERSATIONAL PROMPTING METHOD FOR VOICE-CONTROLLED INFORMATION AND
INQUIRY SERVICES INVOLVING COMPUTER TELEPHONY
VERFAHREN ZUR DIALOGSTEUERUNG SPRACHGESTEUERTER INFORMATIONEN- UND
AUSKUNFTSDIENSTE UNTER EINBEZIEHUNG VON COMPUTERTELEFONIE
PROCEDE DE COMMANDE DE DIALOGUE POUR SERVICE D'INFORMATION ET DE
RENSEIGNEMENTS A COMMANDE VOCALE FAISANT APPEL A LA TELEPHONIE
INFORMATISEE

PATENT ASSIGNEE:

Deutsche Telekom AG, (1891494), Friedrich-Ebert-Allee 140, 53113 Bonn,
(DE), (Proprietor designated states: all)

INVENTOR:

BRADEMANN, Lutz, Otener Strasse 3A, D-13349 Berlin, (DE)
MULLER, Christel, Im Geholz 16, D-15732 Schulzendorf, (DE)
MUNDIN, Thomas, Erfurter Strasse 16, D-15366 Neuenhagen, (DE)
PARUS, Hardy, Venusstrasse 44, D-12524 Berlin, (DE)
ZIEM, Thomas, Otztaler Strasse 11, D-16341 Zepernick, (DE)
WETZEL, Romeo, Peter, Rotenwaldstrasse 11, D-70197 Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 990339 A1 000405 (Basic)

EP 990339 B1 021211

WO 98058487 981223

APPLICATION (CC, No, Date): EP 98933617 980616; WO 98EP3606 980616

PRIORITY (CC, No, Date): DE 19725421 970616

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: H04M-003/50

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): German; German; German

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200250	576
CLAIMS B	(German)	200250	454
CLAIMS B	(French)	200250	563
SPEC B	(German)	200250	3191
Total word count - document A			0
Total word count - document B			4784
Total word count - documents A + B			4784

INTERNATIONAL PATENT CLASS: H04M-003/50

...CLAIMS B1

1. Process for the interactive control of voice -controlled information, message and connection services with the inclusion of computer telephony in which, when a customer calls, after verification of access authorization, a control program for interactive control, created as a flow schematic with the aid of a graphical editor, is started and in which interactive prompting is server-controlled by means of a speaker-independent voice recognition module which reacts to keywords,

characterized in that
- the interactive dialogues of the control...

10/3,K/4 (Item 4 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00358782

Electronic audio communication system with user controlled message address
System zur elektronischen Übermittlung von Audiosignalen mit
Nachrichtenadresssteuerung durch den Anwender
Systeme de communication electronique de signaux audio dans lequel
l'adresse de message est selectionnee par l'utilisateur

PATENT ASSIGNEE:

VMX INC., (1659190), 2115 O'Nel Drive, San Jose, California 95131, (US),
(applicant designated states: AT;BE;CH;DE;FR;GB;IT;LI;LU;NL;SE)

INVENTOR:

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Tansil, Thomas Beryl, 3916 Greenbrier, Dallas Texas 75225, (US)

Fannin, Michael Lowe, 6706, Churchill Way, Dallas Texas 75230, (US)

LEGAL REPRESENTATIVE:

Schmidt, Steffen J. et al (70551), Patentanwalt Steffen J. Schmidt,
Kazmaistrasse 26, Postfach 12 14 27, 80036 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 336524 A2 891011 (Basic)

EP 336524 A3 891129

EP 336524 B1 940105

APPLICATION (CC, No, Date): EP 89201723 830922;

PRIORITY (CC, No, Date): US 427640 820929; US 427687 820929; US 428161
820929

DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IT; LI; LU; NL; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 106575

INTERNATIONAL PATENT CLASS: H04M-003/50

ABSTRACT WORD COUNT: 227

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9902	816
CLAIMS B	(German)	9902	840
CLAIMS B	(French)	9902	899
SPEC B	(English)	9902	20037
Total word count - document A			0
Total word count - document B			22592
Total word count - documents A + B			22592

INTERNATIONAL PATENT CLASS: H04M-003/50

...SPECIFICATION voice signals, but the concept of the communication system

has application for other audio signals as well. The VMS 10 of the preferred embodiment allows **users** to deposit **voice messages** which are recorded and later delivered to the intended **recipients**. In addition, users may **call** the VMS 10 at any time and inquire if any messages **have** been deposited for them. The VMS 10 may also answer a telephone while the user is absent or otherwise unavailable to receive the call and...an audible signal 650, "beep-beep" and allows the user to reenter at program step 634 to dial the digits for the addressee. If at the validity determination step 642, the VMS 10 determines that an invalid addressee number has been entered, the signal, "beep-beep-beep," and allows the user to redial the addressee.

Referring...

...call from the VMS 10, the VMS 10 is programmed to wait and attempt to redeliver the message at a later time. Likewise, if the **message addressee's telephone** had been busy, the VMS 10 would **again** be programmed to attempt to **deliver** the message a predetermined number of times at predetermined time intervals. The number of attempts and time intervals between each of the attempts by the VMS 10 to deliver the message are programmed parameters that are definable by the customer through the system console 104 of the VMS 10.

When the VMS 10 establishes contact with the message addressee, the **message addressee** responds by dialing his unique authorization number and the VMS 10 processes the user's ID at step 676. After the process user ID has been accepted at program step 676, the VMS 10 emits an idle tone at the program step 678, indicating the non-lay mode. The user or message addressee then dials "2..."

...the playing of the voice message. The VMS 10 plays the voice message to the user at step 722, during which time the user can **control** the playback process by dialing certain digits on his **telephone**, as described **above**.

At the conclusion of the **voice message**, the VMS 10 emits an audible tone at step 724 to indicate end of message. ...the SAVE special function code which causes the voice message to be saved for a predetermined period one complete business day. The user simply dials the three digit special function code for the **SAVE** program step 742, and the VMS 10 responds with a progress tone at program step 744. The VMS 10 is programmed such that undelivered messages...878 communicate with one of the Call Processors 62A-62C via Block-bus 880. Communication across this interface occurs for the following types of events:

(1) **Circuit Control** is notified when an autonomous change in the status of a circuit occurs. The new state is duly recorded in the Circuit Tables 942, and if...for two-wire transmission only. The situation where four-wire transmission is allowed by the telephone company will be described hereinbelow.

The tip and ring **signals** are input to a **signal conditioning circuit** 1000 which is comprised of operational amplifiers 1002, 1004 and 1106 (hereinafter referred to as op amps). Op amp 1002 is configured as...

10/3,K/5 (Item 5 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00318603
Digital key telephone system
Digitales Tastengegensprechsystem
Systeme telephonique numerique a touches
PATENT ASSIGNEE:

NORTHERN TELECOM LIMITED, (217325), World Trade Center of Montreal, 380
St. Antoine Street West 8th Floor, Montreal, Quebec H2Y 3Y4, (CA),
(applicant designated states: AT;BE;DE;ES;FR;GB;IT;NL;SE)

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Morley, Robert Samuel, 304 Somerset Street East, Ottawa, Ontario K1N 6W1
, (CA)
Robertson, David Joseph, 161 Mulvihill Avenue, Ottawa, Ontario K1Y 6Y3,
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Magainley, Ronald James, 123 Fieldcrest Street, Apt. 204,, Ann Arbor,
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Chapman, Alan Stanley John, 50 Pentland Crescent, Kanata, Ontario K2K 1V5
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LEGAL REPRESENTATIVE:

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West Road, Harlow Essex CM20 2SH, (GB)

PATENT (CC, No, Kind, Date): EP 331838 A2 890913 (Basic)
EP 331838 A3 900530
EP 331838 B1 930310

APPLICATION (CC, No, Date): EP 88310693 881111;

PRIORITY (CC, No, Date): US 166345 880310

DESIGNATED STATES: AT; BE; DE; ES; FR; GB; IT; NL; SE

INTERNATIONAL PATENT CLASS: H04M-009/00

ABSTRACT WORD COUNT: 133

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB96	1011
CLAIMS B	(German)	EPAB96	831
CLAIMS B	(French)	EPAB96	1115
SPEC B	(English)	EPAB96	9170
Total word count - document A			0
Total word count - document B			12127
Total word count - documents A + B			12127

INTERNATIONAL PATENT CLASS: H04M-009/00

...SPECIFICATION 7 through 0. In particular, bit positions 5 and 4 indicate the protocol of the message. FUNCTIONAL messages in this arrangement are indicated by both of the bit positions 5 and 4 being asserted "1". S STIMULUS MESSAGES are indicated by at least one of the bit positions 5 and 4 being asserted "0". The purpose...

...Table 2. (Table omitted)

In the case of a header being in a range of 40H - 5FH, the header is the actual message, the gist of which is carried in the bit positions 3-0. In messages of more than one byte, the second and subsequent bytes carry information. The quantity or number of the information bytes within a message are specified...STIMULUS messages are unidirectional. Distribution of a STIMULUS message is confined to the channel occurrence which corresponds to a STIMULUS set for which the STIMULUS message is destined.

Flow control of FUNCTIONAL and STIMULUS messages is discussed from a hardware viewpoint after the following discussion of the structure and operation of the modular circuit switch module 100 with reference to figures 4-10...a read function intended for one of a connection memory, a

source connection memory or a destination connection memory. A comparator responds to the validity **signal** and a match between a remaining portion of ...a group of 16 specified ports in the key telephone system for RTS occurrences. An occurrence of an RTS during any input from any of **the** 16 specified **ports** is arranged to generate a low level interrupt to alert the central processor to the presence of information. However, as it is intended that each...

10/3,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

00308944

Communication system.

Kommunikationssystem.

Système de communication.

PATENT ASSIGNEE:

CANON KABUSHIKI KAISHA, (542361), 30-2, 3-chome, Shimomaruko, Ohta-ku, Tokyo, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

Ogata, Yukihiro, 1217, Shimosakunobe Takatsu-ku, Kawasaki-shi Kanagawa-ken, (JP)

Nakatsuma, Takuji, 824-1-29-202 Kiso-machi, Machida-shi Tokyo, (JP)

LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis et al (28273), BERESFORD & Co. 2-5 Warwick Court High Holborn, London WC1R 5DJ, (GB)

PATENT (CC, No, Kind, Date): EP 282158 A2 880914 (Basic)

EP 282158 A3 890607

EP 282158 B1 930616

APPLICATION (CC, No, Date): EP 88300894 880203;

PRIORITY (CC, No, Date): JP 8729034 870210; JP 8729037 870210; JP 8729038 870210; JP 8731191 870213; JP 8731192 870213; JP 8731868 870214

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04Q-011/04; **H04M-011/06**

ABSTRACT WORD COUNT: 59

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS B	(English)	EPBBF1	865
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CLAIMS B	(German)	EPBBF1	337
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CLAIMS B	(French)	EPBBF1	458
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SPEC B	(English)	EPBBF1	5378
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Total word count - document A	0
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Total word count - document B	7038
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Total word count - documents A + B	7038
------------------------------------	------

...INTERNATIONAL PATENT CLASS: **H04M-011/06**

...SPECIFICATION a PCM code which is converted to an analog voice signal by a decoding circuit 316 of the PCM codec 315. In the speech mode, **the** analog switch **306** is switched to select the voice synthesis circuit 315 under the control of the control unit 304 so that the decoded voice signal is supplied...

...operation.

In the present embodiment, the first sound signal and the calling signal are generated by the voice synthesis circuit. Alternatively, those signals may be **voice messages**.

In **accordance** with the third embodiment, various information (for

example, line status) supplied by the NT 201 through the D channel are supplied to the user in the form of **voice message** which is very **easy** to understand. Accordingly, the operability of the **telephone** set is **considerably** improved.

A fourth embodiment in which communication is reserved and availability of communication to the reserved communication is informed is explained.

Fig. 8 shows an...

10/3,K/7 (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

00271262

Automatic telephone answering apparatus.

Automatischer Fernsprechbeantworter.

Appareil repondeur telephonique automatique.

PATENT ASSIGNEE:

Miwa, Hirohide, (1119060), 7-10 Miyazaki 6-chome, Miyamae-Ku Kawasaki-Shi
Kanagawan-Ken, (JP), (applicant designated states: DE;FR;GB;IT;NL)
TOKYO KOSUMOSU DENKI KABUSHIKI KAISHA, (1119080), 1387, Tobuki-cho,
Hachioji-shi Tokyo-to, (JP), (applicant designated states:
DE;FR;GB;IT;NL)

INVENTOR:

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Kanagawa-ken, (JP)

LEGAL REPRESENTATIVE:

Piesold, Alexander J. et al (57901), Frank B. Dehn & Co. Imperial House
15-19 Kingsway, London WC2B 6UZ, (GB)

PATENT (CC, No, Kind, Date): EP 262978 A2 880406 (Basic)
EP 262978 A3 890510
EP 262978 B1 930303

APPLICATION (CC, No, Date): EP 87308737 871001;

PRIORITY (CC, No, Date): JP 86234002 861001

DESIGNATED STATES: DE; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS: H04M-001/65

ABSTRACT WORD COUNT: 101

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	488
CLAIMS B	(German)	EPBBF1	405
CLAIMS B	(French)	EPBBF1	551
SPEC B	(English)	EPBBF1	4850
Total word count - document A			0
Total word count - document B			6294
Total word count - documents A + B			6294

INTERNATIONAL PATENT CLASS: H04M-001/65

...SPECIFICATION signal line 111 and the control signal line 118 so as to select the reproduced output of the voice memorizing and reproducing unit 124, thereafter to output a **control** signal to the **control** signal bus 122 so that the voice memorizing and reproducing unit 124 is in the **incoming message** reproducing state. Thus, where the reproducing mode is **started** by remote **control**, the reproduced output of the **incoming message** of the voice memorizing and reproducing unit 124 is output to the **telephone** circuit **connected** to the terminals 101 and

102 via the reproduced output signal line 128, the electronic circuit/beep tone oscillating circuit 117, the line output amplifier 110, the...

10/3,K/8 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00769831 **Image available**

**A THIN MULTIMEDIA COMMUNICATION DEVICE AND METHOD
DISPOSITIF DE COMMUNICATION MULTIMEDIA NON PROGRAMMABLE ET PROCEDE
CORRESPONDANT**

Patent Applicant/Assignee:

AT & T LABORATORIES CAMBRIDGE LTD, 24a Trumpington Street, Cambridge CB2 1QA, GB, GB (Residence), GB (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

STAFFORD-FRASER James Quentin, 10 Marlborough Court, Cambridge CB3 9BQ, GB, GB (Residence), GB (Nationality), (Designated only for: US)

HARTER Andrew Charles, Berry Cottage, 7 West Street, Comberton, Cambridge CB3 7DS, GB, GB (Residence), GB (Nationality), (Designated only for: US)

RICHARDSON Tristan John, 21A Grafton Street, Cambridge CB1 1DS, GB, GB (Residence), GB (Nationality), (Designated only for: US)

HOLLINGHURST Nicholas John, 6 Dalegarth, Hurst Park Avenue, Cambridge CB4 2AG, GB, GB (Residence), GB (Nationality), (Designated only for: US)

Legal Representative:

ROBINSON John S (agent), Marks & Clerk, Nash Court, Oxford Business Park South, Oxford OX4 2RU, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200103399 A2-A3 20010111 (WO 0103399)

Application: WO 2000GB2601 20000706 (PCT/WO GB0002601)

Priority Application: US 99142633 19990706

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 14363

...International Patent Class: H04M-007/00

Fulltext Availability:

Claims

Claim

... If multiple tones are supported, generate one or more tones with the specified frequencies and volumes simultaneously or in alternation at a given frequency. 0 Stop generating tones.

Video control commands include the following:

0 Set the predicate (in terms of originating IP number and port number) for accepting packets of video. Currently only one incoming...of the printer can be entered in the manner of an email address as described above. A note can be sent as a message flash directly to the screen of

a set of other broadband phones. A message flash displayed on another

phone will automatically disappear after a time, or earlier if explicitly dismissed by the recipient touching the dismiss screen-button. The notepad can be shared with...

10/3,K/9 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00560811 **Image available**

AN INTELLIGENT NETWORK

RESEAU INTELLIGENT

Patent Applicant/Assignee:

DUGAN Andrew,
HOLMES Allen,
ROBB Terrence,
WONG Wendy,
FISCHER Kenneth,
SYED Sami,
DEO Ajay,

Inventor(s):

DUGAN Andrew,
HOLMES Allen,
ROBB Terrence,
WONG Wendy,
FISCHER Kenneth,
SYED Sami,
DEO Ajay,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200024184 A1 20000427 (WO 0024184)

Application: WO 99US24664 19991020 (PCT/WO US9924664)

Priority Application: US 98104890 19981020

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ

BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT

SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 72908

Main International Patent Class: H04M-003/42

Fulltext Availability:

Detailed Description

Detailed Description

... invention is related generally to telecommunications networks, and, more particularly, to a Intelligent Network architecture including a novel central administration and resource management system for administering and tracking service resources to a plurality of service nodes capable of telecommunications service processing.

A network service is a function performed by a communications network, such as data or telephony, and its associated resources in response to...regardless of the output at step 668, a new

SleeThread instance for the requested service is allocated, a priority event queue is initialized for that requested service

and the thread is **started** with control being returned to the SAg instance for that service.

Returning back to the Service Agent (begin) method functionality as shown in Figure 11...of DTMF digits that allows the caller to respond to system prompts before they are played. Within DTMF collection, the following capabilities are allowed: Start/ **Stop** DTMF collection; Detect an individual **signal** ; Detect a sequence of signals matching a pattern; Detect a specified number of signals; Timeout when detecting a specific signal or pattern count; 2) Detect...

10/3,K/10 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00468018 **Image available**
ELECTRONIC MEMO PAD FOR USE WITH TOUCH-TONE TELEPHONES
CALEPIN ELECTRONIQUE DESTINE A DES TELEPHONES A CLAVIER
Patent Applicant/Assignee:
ROSEN Howard B,
Inventor(s):
ROSEN Howard B,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9858483 A1 19981223
Application: WO 98IB939 19980617 (PCT/WO IB9800939)
Priority Application: US 97878057 19970618
Designated States: JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 4012

Main International Patent Class: **H04M-001/65**
Fulltext Availability:
Detailed Description

English Abstract

An audio storage and playback unit coupled to the **telephone** line is adapted to record a **message** off the **telephone** line in response to the application of a "record" **control** signal and to play back the recorded **message** onto the **telephone** line in response to the application of a "play" signal. A first tone decoder responds to the actuation of a first predetermined key on the...

...play" signal. In a preferred embodiment, a third tone decoder responds to the actuation of a third predetermined key by instituting the generation of a " **stop** " **signal** . Thus, if a call is received which is for a party other than the person who answered the call, the caller may leave a voice...

Detailed Description

... the line pair of a local telephone installation which includes at least one touch-tone telephone. An audio storage and playback unit coupled to the **telephone** line is adapted to record a **message** off the **telephone** line in response to the application of
SUBSTITUTE SHEET (RULE: 26)
a "record" **control** signal and to play back the recorded **message** onto the **telephone** line in response to the application of a "play" signal. A first tone decoder is responsive to the actuation of a first

predetermined key on8" key (or an alternative circuit sensing hang-up), by instituting the generation of a " stop " signal . Thus, if a call is received which is for a party other than the person who answered the call and the person called is not...

10/3,K/11 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00456834 **Image available**
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR SWITCHED TELEPHONY
COMMUNICATION
SYSTEME PROCEDE ET ARTICLE CONCU POUR LES COMMUNICATIONS TELEPHONIQUES PAR
RESEAU COMMUTE

Patent Applicant/Assignee:

MCI WORLDCOM INC,

Inventor(s):

ZEY David A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9847298 A2 19981022

Application: WO 98US7927 19980415 (PCT/WO US9807927)

Priority Application: US 97835789 19970415; US 97834320 19970415

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK
ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN
TD TG

Publication Language: English

Fulltext Word Count: 156638

Main International Patent Class: H04M-003/42

International Patent Class: H04M-007/00 ...

... H04M-003/30

Fulltext Availability:

Detailed Description

Detailed Description

... for an order entry system 1945
to the Internet 1910.

In an embodiment, the order entry system 1945 generates complete profile information for a given **telephone** number, including, name, address, fax number, secretary's number, wife's **phone** number, pager, business address, e-mail address, IP address and **phonemail** address. This information is maintained in a database that can be accessed by everyone on the network with authorization to do so. In an alternate...that will facilitate the

resource access. When the process needs a resource it must request it through its assigned LRM. When the LRM receives a **request** for a resource, two cases may occur.

1. Resource is available: In this case, the LRM allocates a resource member of the pool and passes...operation of the ISP, and simplify the designs of future products and services within the ISP. This operational support architecture

is consistent with the ITU **Telecommunications Management Network** (TMN) standards.

c) Definitions

Managed Object: A resource that is **monitored**, and controlled by one or more management systems. Managed objects are located within managed systems and may be embedded in other managed objects. A managed...1772, the modem dial string would be "ATDT 1 800 324 CALL ... 1 319 375 1772" (the comma ', 'tells the modem to do a short **pause** while dialing.) When the connection to 1 800 324 CALL is made, a connection is made from the originator, to an MCI switch 1, to...

10/3,K/12 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00443927

A COMMUNICATION SYSTEM ARCHITECTURE
ARCHITECTURE D'UN SYSTEME DE COMMUNICATION

Patent Applicant/Assignee:

MCI WORLDCOM INC,
EASTEP Guido M,
LITZENBERGER Paul R,
OREBAUGH Shannon R,
ELLIOTT Isaac K,
STELLE Rick,
SCHRAGE Bruce,
BAXTER Craig A,
ATKINSON Wesley,
KNOSTMAN Chuck,
CHEN Bing,
VANDERSLUIS Kristan,

Inventor(s):

EASTEP Guido M,
LITZENBERGER Paul R,
OREBAUGH Shannon R,
ELLIOTT Isaac K,
STELLE Rick,
SCHRAGE Bruce,
BAXTER Craig A,
ATKINSON Wesley,
KNOSTMAN Chuck,
CHEN Bing,
VANDERSLUIS Kristan,
JUN Fang DI,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9834391 A2 19980806
Application: WO 98US1868 19980203 (PCT/WO US9801868)
Priority Application: US 97794555 19970203; US 97794114 19970203; US 97794689 19970203; US 97807130 19970210; US 97798208 19970210; US 97795270 19970210; US 97797964 19970210; US 97800243 19970210; US 97798350 19970210; US 97797445 19970210; US 97797360 19970210

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English
Fulltext Word Count: 156226

Main International Patent Class: H04M-007/00
International Patent Class: H04M-003/48 ...
Fulltext Availability:
Detailed Description

Detailed Description

... gateways, and other
equipment that provide the network capabilities are Network Elements
2310. NEs provide agents to perform operations on the behalf of the
Element **Management** Layer 2306.

c) Information Model

Figure 35 shows **manager** agent interaction. **Telecommunications** network
management is a distributed information application process. It
involves
the interchange of management information between a distributed set of
management application processes for the purpose of...preferred routing
choices such as 'route to my PC always if I
am logged in', or 'route to my PC from 8-5 on weekdays,
phone all other times", etc.

Customer profile **management** - The directory service must
maintain a profile for each subscriber to be able to match VNET
numbers to the service subscription and current state of...

10/3,K/13 (Item 6 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00279217 **Image available**

TELEPHONE ANSWERING AND VOICE MESSAGING MACHINE
REPONDEUR AUTOMATIQUE ET MACHINE DE MESSAGERIE VOCALE

Patent Applicant/Assignee:

BOGEN COMMUNICATIONS INC,
SACHER Ronen,
FRIEDRICH Tamir,
FAZIO Joseph,

Inventor(s):

SACHER Ronen,
FRIEDRICH Tamir,
FAZIO Joseph,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9427394 A1 19941124

Application: WO 94US5574 19940517 (PCT/WO US9405574)

Priority Application: US 9363003 19930517

Designated States: CA US AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 10461

Main International Patent Class: H04M-001/64
International Patent Class: H04M-01:65 ...

... H04M-03:04 ...

... H04M-03:42 ...

... H04M-03:50 ...

... H04M-05:04 ...

... H04M-05:12

Fulltext Availability:
Detailed Description

Detailed Description

... loop current states. Gate U2A, resistor R2 and D5 are used to modify the voltage output during loop current generation. Gate U213 prevents the 20Hz signal from being applied to the feedback network during loop current mode.

Audio interface to the telephone lines occurs in audio switching matrix 3 6. RZ I and RX3 are audio signals being received from the telephone network...CODEC output to compensate for difference between voice prompting level and message level. A speaker is provided with different modes of operation for listening to messages, voice prompting and monitoring telephone lines. Analog switch 39 selects between receive and transmit depending on what mode the speaker is in. Volume control 40 adjusts listening level. Audio amplifier...

10/3,K/14 (Item 7 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00189695 **Image available**

CALLED PERSON IDENTIFICATION IN TELECOMMUNICATION
IDENTIFICATION DE L'APPEL EN TELECOMMUNICATIONS

Patent Applicant/Assignee:

ANDERSON John James,

Inventor(s):

ANDERSON John James,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9107041 A1 19910516

Application: WO 90AU526 19901031 (PCT/WO AU9000526)

Priority Application: AU 897138 19891031

Designated States: AT AT AU BB BE BF BG BJ BR CA CF CG CH CH CM DE DE DK DK
ES ES FI FR GA GB GB GR GR HU IT JP KP KR LK LU LU MC MG ML MR MW NL NL
NO RO SD SE SE SN SU TD TG US

Publication Language: English

Fulltext Word Count: 74253

Main International Patent Class: H04M-001/26

International Patent Class: H04M-01:57 ...

... H04M-01:00

Fulltext Availability:
Detailed Description

Detailed Description

... will send it via D channel in the CCS No.7 signalling system to the called party location and eventually to the called party digital telephone set.

The called party digital telephone set upon receipt of the signal through the D-channel signalling will react by generating a distinctive audio signal and/or combined with a message on the visual display installed in the telephone set. If the latter is the case, anybody at the called...

19/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

00436770

Frequency detector based on a digital phase lock loop.
Frequenzdetektor auf einer digitalen Phasenregelschleife basierend.
Detecteur de frequence base sur une boucle de verrouillage de phase numerique.

PATENT ASSIGNEE:

NOKIA MOBILE PHONES LTD., (997961), P.O. Box 86, SF-24101 Salo, (FI),
(applicant designated states:
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

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Tenhunen, Juha Heikki, Sarvipollonkuja 12 C 15, SF-90540 Oulu, (FI)
Kivari, Raimo Kalervo, Reippaantie 2 A 2, SF-90830 Haukipudas, (FI)

LEGAL REPRESENTATIVE:

Adams, William Gordon et al (27554), RAWORTH, MOSS & COOK 36 Sydenham
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PATENT (CC, No, Kind, Date): EP 430605 A2 910605 (Basic)
EP 430605 A3 920513
EP 430605 B1 950215

APPLICATION (CC, No, Date): EP 90312797 901123;

PRIORITY (CC, No, Date): FI 895767 891201

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: H04B-007/26; H04Q-007/20; H03D-001/22;

ABSTRACT WORD COUNT: 216

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF2	669
CLAIMS B	(German)	EPBBF2	554
CLAIMS B	(French)	EPBBF2	747
SPEC B	(English)	EPBBF2	2807
Total word count - document A			0
Total word count - document B			4777
Total word count - documents A + B			4777

...SPECIFICATION for TACS and AMPS mobile telephones.

In the AMPS and TACS radio telephone system a base station transmits during a call an analog sinusoidal control **signal**, so-called SAT **signal** (**supervisory** audio tone), the purpose of which is to supervise the quality of the connection between a mobile telephone and base stations. A mobile station must be...

...If the mobile telephone does not receive any SAT signal within a predetermined period, or if the received frequency differs from that given in the **control message**, the **telephone** call is disconnected.

For detecting the SAT signal in a modem circuit of a subscriber apparatus it is known to use circuitry based on an...

19/3,K/2 (Item 2 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

00302438

Paging system with acknowledgement.
Funkrufsystem mit Ruckantwort.

Systeme d'appel de personnes avec acquittement.

PATENT ASSIGNEE:

MOTOROLA, INC., (205770), 1303 East Algonquin Road, Schaumburg, IL 60196,
(US), (applicant designated states:
AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

Grandfield, Walter J., 8376 Morningstar Road, Lake Worth Florida 33467,
(US)

LEGAL REPRESENTATIVE:

Ibbotson, Harold (45963), MOTOROLA European Intellectual Property
Operations Jays Close Viabes Ind. Estate, Basingstoke Hants RG22 4PD,
(GB)

PATENT (CC, No, Kind, Date): EP 321698 A2 890628 (Basic)
EP 321698 A3 900905
EP 321698 B1 940720

APPLICATION (CC, No, Date): EP 88119113 881117;

PRIORITY (CC, No, Date): US 135856 871221

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: H04Q-007/02; G08B-003/10;

ABSTRACT WORD COUNT: 106

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPBBF1	640
CLAIMS B	(English)	EPBBF1	726
CLAIMS B	(German)	EPBBF1	648
CLAIMS B	(French)	EPBBF1	924
SPEC A	(English)	EPBBF1	5982
SPEC B	(English)	EPBBF1	6231
Total word count - document A			6622
Total word count - document B			8529
Total word count - documents A + B			15151

...SPECIFICATION hard disk or EEPROM memory which may be periodically altered and updated as required for the number of subscribers on the system. Controller 76 through **digital** input bus 74 again enables **supervisory** tone generator 78 to generate a second acknowledgment tone indicating to the caller to enter the phone number from his touch-tone telephone where the...system. It will be appreciated by one of ordinary skill in the art that voice leadthrough responses may be generated in lieu of acknowledgment tones **directing** the caller to enter the pager number, **telephone** number and **message**.

The caller's message may be initially stored by controller 76 directing the message through input audio port 84 to voice storage module 82 when ...

...SPECIFICATION call is received by paging terminal 14, an output is generated on digital input bus 74 which is coupled to controller 76. Controller 76, through **digital** input bus 74, enables **supervisory** tone generator 78 to generate an acknowledgment tone which is coupled to first input port 70. This tone is communicated to the caller through the...

...hard disk or EEPROM memory which may be periodically altered and updated as required for the number of subscribers on the system. Controller 76 through **digital** input bus 74 again enables **supervisory** tone generator 78 to generate a second acknowledgment tone indicating to the caller to enter the phone number from his touch-tone telephone where the...

DIALOG(R)File 348:EUROPEAN PATENTS
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00271665

Private cellular system
Privates Zellularsystem
Systeme cellulaire prive

PATENT ASSIGNEE:

NORTHERN TELECOM LIMITED, (217325), World Trade Center of Montreal, 380
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(applicant designated states: DE;FR;GB;NL;SE)

INVENTOR:

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Fatica, Bambino, 809 Walkley Road, Ottawa Ontario K1V 6R6, (GB)

LEGAL REPRESENTATIVE:

Berkson, Michael David et al (28281), Nortel Patents, London Road,
Harlow, Essex CM17 9NA, (GB)

PATENT (CC, No, Kind, Date): EP 268375 A2 880525 (Basic)
EP 268375 A3 891025
EP 268375 B1 920916

APPLICATION (CC, No, Date): EP 87309145 871015;

PRIORITY (CC, No, Date): CA 523221 861118

DESIGNATED STATES: DE; FR; GB; NL; SE

INTERNATIONAL PATENT CLASS: H04Q-007/26

ABSTRACT WORD COUNT: 112

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9707W5	2016
CLAIMS B	(German)	9707W5	1915
CLAIMS B	(French)	9707W5	2191
SPEC B	(English)	9707W5	7408
Total word count - document A			0
Total word count - document B			13530
Total word count - documents A + B			13530

...CLAIMS said message comprising the identification of the portable terminal unit to which the offer is directed, the offered channel identification, an indication of the received signal **strength** at that base station, and a priority code **indicative** of the load status of said base station;

e) said portable terminal unit evaluating each valid offer message and accepting the one that satisfies the conditions of i) the offered information channel is idle in the portable unit's area, and ii) the offer message having the best weighting of the **signal strength** as received by the base station, the received signal strength at the portable terminal unit, and the priority code;

f) the portable terminal unit acknowledging acceptance...while simultaneously transmitting on a second frequency, and being capable of scanning at least some of the plurality of frequencies on which said base stations (13) **can** transmit, wherein each portable terminal unit can simultaneously receive two of said frequencies on which said base stations can transmit, whereby each portable unit can

...

19/3,K/4 (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00253377

A TELEMETRY TERMINAL.

TELEMETRIE-ENDSTATION.

TERMINAL DE TELEMETRIE.

PATENT ASSIGNEE:

ALCATEL N.V., (829130), Strawinskylaan 537 (World Trade Center), NL-1077

XX Amsterdam, (NL), (applicant designated states:

AT;BE;CH;DE;FR;IT;LI;NL;SE)

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STANBURY, Evan, John, 8 Myers Street, Lakemba, NSW 2195, (AU)

WATKINS, Gregory, Douglas, 3/165 Oberon Street, Coogee, NSW 2034, (AU)

LEGAL REPRESENTATIVE:

El Manouni, Josiane et al (50712), SOSPI 14-16, rue de la Baume, F-75008

Paris, (FR)

PATENT (CC, No, Kind, Date): EP 283473 A1 880928 (Basic)

EP 283473 A1 900328

EP 283473 B1 931103

WO 8703446 870604

APPLICATION (CC, No, Date): EP 86906246 861031; WO 86AU330 861031

PRIORITY (CC, No, Date): AU 853553 851125; AU 865125 860320; AU 8655947
860410

DESIGNATED STATES: AT; BE; CH; DE; FR; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: H04Q-009/02;

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	730
CLAIMS B	(German)	EPBBF1	625
CLAIMS B	(French)	EPBBF1	850
SPEC B	(English)	EPBBF1	3423

Total word count - document A 0

Total word count - document B 5628

Total word count - documents A + B 5628

...SPECIFICATION a memory test, check of transmit and receive circuitry or functional tests such as a brief operation of the load relays and receipt of an **acknowledgement signal**. Other functions may similarly be **monitored**.

Other commands which may be implemented include: Enable load survey; this causes the UMT to transmit data on one or more meters to the central

...

19/3,K/5 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00568560 **Image available**

VOICE OVER DATA TELECOMMUNICATIONS NETWORK ARCHITECTURE

ARCHITECTURE DE RESEAU DE TELECOMMUNICATION VOIX-DONNEES

Patent Applicant/Assignee:

LEVEL 3 COMMUNICATIONS INC,

Inventor(s):

ELLIOTT Isaac K,

HIGGINS Steven P,

DUGAN Andrew John,
PETERSON Jon,
HERNANDEZ Robert L,
STEELE Rick D,
BAKER Bruce W,
TERPSTRA Rich,
MITCHELL Jonathan S,
WANG Jin-Gen,
STEARNS Harold,
ZIMMERER Eric,
WAIBEL Ray,
OWEN Kraig,
LEWIS Shawn M,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200031933 A1 20000602 (WO 0031933)
Application: WO 99US27658 19991122 (PCT/WO US9927658)
Priority Application: US 98197203 19981120

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ
BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT
SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English
Fulltext Word Count: 105482

Fulltext Availability:
Detailed Description

Detailed Description

... information from a calling switch. Wink starts are used in telephone systems which use address signaling.

Loop start refers to seizing a circuit using a **supervisory signal**. A loop **start signal** is typically generated by taking the phone off hook. With a loop start, a line is seized by bridging a tip and ring (i.e. ...

File 9: Business & Industry(R) Jul/1994-2004/Apr 30
 (c) 2004 The Gale Group
 File 15: ABI/Inform(R) 1971-2004/May 01
 (c) 2004 ProQuest Info&Learning
 File 16: Gale Group PROMT(R) 1990-2004/May 03
 (c) 2004 The Gale Group
 File 20: Dialog Global Reporter 1997-2004/May 03
 (c) 2004 The Dialog Corp.
 File 47: Gale Group Magazine DB(TM) 1959-2004/May 03
 (c) 2004 The Gale group
 File 75: TGG Management Contents(R) 86-2004/Apr W4
 (c) 2004 The Gale Group
 File 80: TGG Aerospace/Def.Mkts(R) 1986-2004/May 03
 (c) 2004 The Gale Group
 File 88: Gale Group Business A.R.T.S. 1976-2004/Apr 30
 (c) 2004 The Gale Group
 File 98: General Sci Abs/Full-Text 1984-2004/Apr
 (c) 2004 The HW Wilson Co.
 File 112: UBM Industry News 1998-2004/Jan 27
 (c) 2004 United Business Media
 File 141: Readers Guide 1983-2004/Apr
 (c) 2004 The HW Wilson Co
 File 148: Gale Group Trade & Industry DB 1976-2004/May 03
 (c) 2004 The Gale Group
 File 160: Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 275: Gale Group Computer DB(TM) 1983-2004/May 03
 (c) 2004 The Gale Group
 File 264: DIALOG Defense Newsletters 1989-2004/May 03
 (c) 2004 The Dialog Corp.
 File 369: New Scientist 1994-2004/Apr W4
 (c) 2004 Reed Business Information Ltd.
 File 484: Periodical Abs Plustext 1986-2004/Apr W4
 (c) 2004 ProQuest
 File 553: Wilson Bus. Abs. FullText 1982-2004/Apr
 (c) 2004 The HW Wilson Co
 File 570: Gale Group MARS(R) 1984-2004/May 03
 (c) 2004 The Gale Group
 File 608: KR/T Bus.News. 1992-2004/May 03
 (c) 2004 Knight Ridder/Tribune Bus News
 File 620: EIU:Viewswire 2004/Apr 30
 (c) 2004 Economist Intelligence Unit
 File 613: PR Newswire 1999-2004/May 03
 (c) 2004 PR Newswire Association Inc
 File 621: Gale Group New Prod. Annou. (R) 1985-2004/Apr 30
 (c) 2004 The Gale Group
 File 623: Business Week 1985-2004/Apr 30
 (c) 2004 The McGraw-Hill Companies Inc
 File 624: McGraw-Hill Publications 1985-2004/May 03
 (c) 2004 McGraw-Hill Co. Inc
 File 634: San Jose Mercury Jun 1985-2004/May 02
 (c) 2004 San Jose Mercury News
 File 635: Business Dateline(R) 1985-2004/May 01
 (c) 2004 ProQuest Info&Learning
 File 636: Gale Group Newsletter DB(TM) 1987-2004/May 03
 (c) 2004 The Gale Group
 File 647: CMP Computer Fulltext 1988-2004/Apr W4
 (c) 2004 CMP Media, LLC
 File 696: DIALOG Telecom. Newsletters 1995-2004/Apr 30
 (c) 2004 The Dialog Corp.
 File 674: Computer News Fulltext 1989-2004/Apr W4

(c) 2004 IDG Communications
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	10993519	TELECOM? OR TELEPHON? OR PHONE? OR TELE() (COM OR COMMUNICA-T?)
S2	121252	(VOICE OR SOUND? ? OR ORAL OR ORATORY OR SPEECH OR SPEAK? - OR TALK? OR VOCAL? OR VERBAL OR AUDIO OR S1) (2N)MESSAGE? ?
S3	7098	S1(5N)S2(5N) (CONTROL OR ADMINIST? OR MONITOR? OR COORDINAT? OR MANAG? OR DIRECT? OR MODERAT?)
S4	345433	REPOSITION? OR RE() POSITION? OR (START? OR STOP? OR PAUSE - OR FASTFORWARD? OR FAST() FORWARD? OR REWIND? OR RE() WIND?) (5N-) (COMMAND? ? OR INSTRUCT? OR SIGNAL? OR REQUEST? OR PROMPT?)
S5	22998	(FEEDBACK? ? OR FEED() BACK? ? OR ACKNOWLEDGE? OR SUPERVISORY) (5N) (GUI OR GRAPHIC? OR AUDIO OR ICON OR IMAGE? OR DIGIT? - OR BAR OR BARS OR SIGNAL?)
S6	132	AU= (THEISEN, E? OR THEISEN E? OR LAVELLE, C? OR LAVELLE C?) OR CO=GLENAYRE
S7	0	S6 AND S3
S8	97	S6 AND S1
S9	0	S8(15N)S2
S10	3	S8 AND S2
S11	3	RD S10 (unique items)
S12	3	S11 NOT PY>2000
S13	0	S3(S) (S4 OR S5)
S14	25	S1(10N)S2(10N) (S4 OR S5)
S15	18	RD S14 (unique items)
S16	15	S15 NOT PY>2000

12/3,K/1 (Item 1 from file: 696)
DIALOG(R)File 696:DIALOG Telecom. Newsletters
(c) 2004 The Dialog Corp. All rts. reserv.

00636668

China: Glenayre wins provincial paging network upgrades...

Telecoms & Wireless Asia

July 24, 1998 DOCUMENT TYPE: NEWSLETTER

PUBLISHER: PYRAMID RESEARCH

LANGUAGE: ENGLISH

WORD COUNT: 338

RECORD TYPE: FULLTEXT

(c) 1998 The Economist Intelligence Unit Limited

U.S. paging systems supplier Glenayre has leveraged its extensive installed base in China to secure two upgrade projects for China Telecom 's paging networks in Guangdong and Henan. The Guangdong Radio and Telecom Bureau awarded a \$3.4 million contract to Hing Tat Investments, Glenayre's China distributor, for the expansion of both its provincial FLEX and POSCAG...

...speed transmitters, GL2000 controllers, GLS2164 satellite receivers, and GLE5000 POCSAG transmitters and controllers. In a second contract awarded to Hing Tat, the Henan Post and Telecom Authority (PTA) ordered \$8.5 million worth of POCSAG infrastructure, including GL3000 wireless messaging switches, GL5902 system controllers, RL153 link receivers, GLE5310 transmitter s and network...

TEXT:

U.S. paging systems supplier Glenayre has leveraged its extensive installed base in China to secure two upgrade projects for China Telecom 's paging networks in Guangdong and Henan. The Guangdong Radio and Telecom Bureau awarded a \$3.4 million contract to Hing Tat Investments, Glenayre's China distributor, for the expansion of both its provincial FLEX and POSCAG...

...speed transmitters, GL2000 controllers, GLS2164 satellite receivers, and GLE5000 POCSAG transmitters and controllers. In a second contract awarded to Hing Tat, the Henan Post and Telecom Authority (PTA) ordered \$8.5 million worth of POCSAG infrastructure, including GL3000 wireless messaging switches, GL5902 system controllers, RL153 link receivers, GLE5310 transmitters and network...

...is being trialled in Xiamen by the Fujian PTA. Glenayre's installation is based on the InFLEXion protocol, and will initially handle the transmission of voice mail messages . In later phases, the system will reportedly provision wireless multimedia and Internet access service for the Fujian PTA using the two- Tway ReFLEX 25 protocol...

COMPANY NAME(S): China Telecom ; Glenayre ; Guangdong Radio ; GL2000 ; GL3100 RF ; GL5902 ; Henan Post ; Hing Tat Investments ; Motorola ; Pyramid Research ; Telecom Authority ; Telecom Bureau

12/3,K/2 (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0481155 BW1393

GLENAYRE PAGENET: Glenayre And PageNet Sign Agreement For Equipment Procurement; To Begin Beta Testing VoiceNow(R) In San Francisco; Agreement Covers Development, Testing, Manufacturing and Deployment

April 25, 1995

Byline: Business Editors

GLENAYRE PAGENET:

...belt. As described by PageNet, VoiceNow will deliver messages in the sender's own voice to a portable device anywhere in the U.S. Utilizing voice compression technology, messages up to four minutes in length will be available for playback whenever the customer chooses. The network supporting VoiceNow will also be capable of transmitting...

...San Francisco environment."

Smith noted that another characteristic of InFLEXion is its support of frequency re-use, which has heretofore been associated only with cellular telephone systems. A normal paging system does not re-use frequencies, but rather broadcasts the signal throughout the paging area.

"The VoiceNow network constantly tracks the portable device's location with its fixed receiver," Smith explained. "When a voice message is sent, therefore, it will go only to the designated location. This selective technique allows more efficient use of all the frequencies in a messaging system."

Glenayre is a worldwide provider of telecommunications equipment and related software used in the wireless personal communications service (PCS) markets, including radio paging, voice processing and alphanumeric and mobile data systems.

PageNet...

...Glenayre - (404) 623-2449
(202) 383-9700

Scott Baradell
PageNet - (214) 985-6791

During Comdex (pager) - 1-800-943-0497

KEYWORD: NORTH CAROLINA

INDUSTRY KEYWORD: TELECOMMUNICATIONS PRODUCT

12/3,K/3 (Item 2 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0476463 BW1001

GLENAYRE: Glenayre Licensed To Produce Messaging Equipment With Motorola's InFLEXion(TM) Protocol; Company Will Provide Infrastructure For Narrowband PCS Market

April 10, 1995

Byline: Business Editors

GLENAYRE :

...Paging Network, Inc. (PageNet), the largest paging provider in the U.S., for its VoiceNow(R) "portable answering machine" service.

With VoiceNow, customers will receive voice messages in the sender's

own voice on a device small enough to fit in the palm of the hand. The device captures, stores and replays the voice message at the customer's convenience. PageNet's system will also be capable of the highest-speed data transmission available at the time of its introduction...

...communications and electronic equipment, systems, components and services for worldwide markets. Products include pagers and paging infrastructure equipment, two-way radios, personal communications systems, cellular telephones and systems, semiconductors, defense and aerospace electronics, automotive and industrial electronics, computers, data communications, and information processing and handling equipment. Sales in 1994 were \$22.2 billion.

Glenayre is a worldwide provider of telecommunications equipment and related software used in the wireless personal communications service (PCS) markets, including radio paging, voice messaging and alphanumeric and mobile data systems. A...

...Inc.

Irene Moore, 404/623-2449

or

Shandwick Public Affairs

Mike Verneti

Nancy Payne, 202/383-9700

KEYWORD: NORTH CAROLINA DISTRICT OF COLUMBIA

INDUSTRY KEYWORD: TELECOMMUNICATIONS

?

Terminal set to DLINK

?

16/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2004 The Gale Group. All rts. reserv.

2257531 Supplier Number: 02257531 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Message Manager -- Callpilot Integrates Voice, Fax, E-Mail
(Nortel has unveiled CallPilot multimedia messaging system that will allow
users to have one mailbox for their voice and faxes)
Information Week, p 111
October 05, 1998
DOCUMENT TYPE: Journal ISSN: 8750-6874 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 361

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...a Windows NT-based multimedia messaging and call-management system.
CallPilot will let users have a single mailbox for their voice and faxes.
Users speak **commands**, such as "play" and " **stop** ," to navigate the
mailbox.

Users can hear both **voice messages** and basic information about their
faxes, such as the **phone** numbers they came from and the number of pages.
Users can then forward the fax to a fax machine or a predefined
distribution list, and...

16/3,K/2 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01720970 03-71960
Message manager
Thyfault, Mary E
Informationweek n703 Oct 5, 1998
ISSN: 8750-6874 JRNL CODE: IWK
WORD COUNT: 362

...TEXT: a Windows NT-based multimedia messaging and call-management
system. CallPilot will let users have a single mailbox for their voice and
faxes. Users speak **commands**, such as "play" and " **stop** ," to navigate the
mailbox.

Users can hear both **voice messages** and basic information about their
faxes, such as the **phone** numbers they came from and the number of pages.
Users can then forward the fax to a fax machine or a predefined
distribution list, and...

16/3,K/3 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01624128 02-75117
Calculating ROI for CPRs
Sandrick, Karen
Health Management Technology v19n6 PP: 16-20 May 1998
ISSN: 1074-4770 JRNL CODE: CIH

WORD COUNT: 2863

...TEXT: beginning to realize cost savings.

The hospital saved \$56,000 a year by not sending for the paper record every time a patient left a **phone message**.

The hospital also **stopped** automatically **requesting** a paper record from the medical record department every time a patient was seen in the emergency department.

In the process Beth Israel saved \$1...

16/3,K/4 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01200202 98-49597
Notes to widen messaging platform
Ouellette, Tim
Computerworld v30n18 PP: 28 Apr 29, 1996
ISSN: 0010-4841 JRNL CODE: COW
WORD COUNT: 475

...TEXT: initiate [Notes] queries from the pager itself."

Another product, tentatively called Integrated Voice Messaging, will let users access voice messages from the Notes desktop. A **telephone** icon will appear next to any **voice messages**; a multimedia-equipped PC is required to listen to the sound file. Lotus officials **acknowledge** that video and **audio** add-ons to Notes haven't received much attention yet from the user community. But Lotus plans to provide versions of Notes with bundled templates...

16/3,K/5 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00525743 91-00087
Private-Line Volume Discount Plan Hurts Smaller Users
Edwards, Mike
Computing Canada v16n24 PP: 49 Nov 22, 1990
ISSN: 0319-0161 JRNL CODE: CCD

...ABSTRACT: for a Customer Volume Pricing Plan (CVPP) for interexchange Megaplan services. Megaplan includes Megaroute DS-1 and Megastream DS-0 high-speed digital services carrying **voice messages**, data, and images between **telephone** exchanges. However, the CRTC rejected Bell's **request** that it be allowed to **stop** providing local DS-0 Megaplan service since this would hurt smaller customers. The CRTC said that, under the CVPP approach, discounts will be based on...

16/3,K/6 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

05832599 Supplier Number: 50343034 (USE FORMAT 7 FOR FULLTEXT)

Message Manager -- Callpilot Integrates Voice, Fax, E-Mail

Thyfault, Mary E.

InformationWeek, p111

Oct 5, 1998

Language: English Record Type: Fulltext

Article Type: Article

Document Type: Magazine/Journal; Tabloid; General Trade

Word Count: 359

... a Windows NT-based multimedia messaging and call-management system. CallPilot will let users have a single mailbox for their voice and faxes. Users speak **commands**, such as "play" and "**stop**," to navigate the mailbox.

Users can hear both **voice messages** and basic information about their faxes, such as the **phone** numbers they came from and the number of pages. Users can then forward the fax to a fax machine or a predefined distribution list, and...

16/3,K/7 (Item 1 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2004 The Gale group. All rts. reserv.

03020659 SUPPLIER NUMBER: 06049686 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Voice-mail setups can be customized for different users and applications.

(Section 2: Connectivity)

Nolle, Thomas

PC Week, v4, n43, pC18(1)

Oct 27, 1987

ISSN: 0740-1604

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1401 LINE COUNT: 00110

... phone message is the rule rather than the exception, the facilities that handle it must be far more sophisticated.

Baxter Healthcare makes heavy use of **PhoneMail**'s facility to comment on and forward a **phone message**. "You start with a **request**, or a suggestion, in the person's own words, with their intonations, delivered in a timely way. You can add your comments and forward that...

16/3,K/8 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

05473192 SUPPLIER NUMBER: 11393503 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Common channel signalling success key to ISDN rollout. (Common Channel

Signalling system 7) (integrated services digital networks)

(Connectivity)

Hewit, Gordon

Computing Canada, v17, n20, p47(2)

Sept 26, 1991

ISSN: 0319-0161

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 555 LINE COUNT: 00043

... communicate between themselves. However, that ability also makes it vulnerable because a failure in one central office can quickly spread to other COs.

When a **telephone** switch develops a problem, it uses CCS #7 to communicate that problem to network control centres and to other **telephone** switches. These **messages** are acted upon automatically by the other

switch.

In one recent failure in the U.S., a switch sent out messages that instructed other switches to **stop** accepting calls. The original cause of the problem was a faulty circuit board. This should have caused the transmission of one error message and then...

16/3,K/9 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

04783575 SUPPLIER NUMBER: 09268543 (USE FORMAT 7 OR 9 FOR FULL TEXT)
A salute to agency excellence: Travel Weekly first annual achievement awards. (travel agencies)
Travel Weekly, v49, n61, pS6(15)
July 30, 1990
ISSN: 0041-2082 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 9815 LINE COUNT: 00744

... Sometimes we walked in the snow and sometimes in the rain. We walked at the busiest time of day dressed as ducks and carrying our **message** and **phone** number," she says.

A local radio personality served as master of ceremonies for the race.

At a **signal** by the mayor, contestants **started** the race by putting their ducks in the river.

And while members in the crowd urged their ducks on to victory with duck calls, the...

16/3,K/10 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

02223270 SUPPLIER NUMBER: 21130234 (USE FORMAT 7 OR 9 FOR FULL TEXT)
PBX roundup. (guide to 29 phone systems) (Buyers Guide)
Teleconnect, v16, n9, p60(9)
Sept, 1998
DOCUMENT TYPE: Buyers Guide ISSN: 0740-9354 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 7009 LINE COUNT: 00558

... record conversations with AXCESSORY Talk, and also use it to create a fax-on-demand system. When used with Inter-Tel's Executive Digital Terminal **phones**, you use soft keys and prompts on the sets' LCDs to manipulate voicemail, rewind and **fast forward** saved **messages**, etc. Currently, **voice prompts** and LCDs on the system can be switched from English to Japanese; additional languages are planned for the future. The AXCESSORY ACD and AXCESSORY Console...

16/3,K/11 (Item 1 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext
(c) 2004 ProQuest. All rts. reserv.

03308697 (USE FORMAT 7 OR 9 FOR FULLTEXT)
While you were out
Beckman, David; Hirsch, David
ABA Journal (GABA), v83, p86, p.1
Jun 1997

ISSN: 0747-0088 JOURNAL CODE: GABA
DOCUMENT TYPE: Feature
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 675

ABSTRACT: Converting **phone messages** to e-mail archives saves time and money and creates a handy database of information. Beckman and Hirsch give **instructions** on how to **start** an e-mail archive of information and messages.

16/3,K/12 (Item 1 from file: 634)
DIALOG(R)File 634:San Jose Mercury
(c) 2004 San Jose Mercury News. All rts. reserv.

03572590

AT HOME OR AWAY, IT ANSWERS CALLS

SAN JOSE MERCURY NEWS (SJ) - Saturday, September 13, 1986
By: BETSY LAMMERDING, Knight-Ridder News Service
Edition: Morning Final Section: Home Page: 13C
Word Count: 352

...played back.

AT&T reports that optional features include:

(check) Beeper devices that allow owners to pick up their messages from remote locations. The beep **signals** the machine to **rewind** and play **messages** into the **telephone** .

(check) The ability to deliver messages without a beeper. The owner uses a special code number from any push-button phone and plays the answering...

16/3,K/13 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2004 CMP Media, LLC. All rts. reserv.

01174428 CMP ACCESSION NUMBER: IWK19981005S0049
Message Manager - Callpilot Integrates Voice, Fax, E-Mail
Mary E. Thyfault
INFORMATIONWEEK, 1998, n 703, PG111
PUBLICATION DATE: 981005
JOURNAL CODE: IWK LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Networking
WORD COUNT: 365

... a Windows NT-based multimedia messaging and call-management system. CallPilot will let users have a single mailbox for their voice and faxes. Users speak **commands** , such as "play" and " **stop** ," to navigate the mailbox.

Users can hear both **voice messages** and basic information about their faxes, such as the **phone** numbers they came from and the number of pages. Users can then forward the fax to a fax machine or a predefined distribution list, and...

16/3,K/14 (Item 1 from file: 674)

DIALOG(R)File 674:Computer News Fulltext
(c) 2004 IDG Communications. All rts. reserv.

051604

Notes to widen messaging platform

42

Notes to widen messaging platform

Byline: Tim Ouellette

Journal: Computerworld Page Number: 28

Publication Date: April 29, 1996

Word Count: 485 Line Count: 45

Text:

...initiate (Notes) queries from the pager itself.'

Another product, tentatively called Integrated Voice Messaging, will let users access voice messages from the Notes desktop. A **telephone** icon will appear next to any **voice messages**; a multimedia-equipped PC is required to listen to the sound file.

Lotus officials **acknowledge** that video and **audio** add-ons to Notes haven't received much attention yet from the user community. But Lotus plans to provide versions of Notes with bundled templates...

16/3,K/15 (Item 2 from file: 674)

DIALOG(R)File 674:Computer News Fulltext
(c) 2004 IDG Communications. All rts. reserv.

036940

new product

3, enterprise networking

Journal: Computerworld Page Number: 65

Publication Date: May 02, 1994

Word Count: 488 Line Count: 52

Text:

...complex systems, services and networks.

According to the Waltham, Mass., company, the product offers customized presentations that represent a variety of components and transactions of **telecommunications** systems or networks.

Components include routers, switches, bridges, processors and software.

Transactions include data packets, fax transmissions, **voice messages** and video **signals**.

Prices **start** at \$10,000.

Advanced Visual Data

(617) 890-4300

Product shorts

The Wollongong Group has introduced PathWay Access 3.0 for Windows, an optimal TCP...

?

16/9,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2004 The Gale Group. All rts. reserv.

2257531 Supplier Number: 02257531 (THIS IS THE FULLTEXT)
Message Manager -- Callpilot Integrates Voice, Fax, E-Mail
(Nortel has unveiled CallPilot multimedia messaging system that will allow
users to have one mailbox for their voice and faxes)
Information Week, p 111
October 05, 1998
DOCUMENT TYPE: Journal ISSN: 8750-6874 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 361

TEXT:
By: Mary E. Thyfault

Northern Telecom Ltd. this week is rolling out an integrated messaging system that lets customers manage voice, fax, and E-mail applications from their phone or desktop.

Nortel's CallPilot is a Windows NT-based multimedia messaging and call-management system. CallPilot will let users have a single mailbox for their voice and faxes. Users speak **commands**, such as "play" and "stop", to navigate the mailbox. Users can hear both **voice messages** and basic information about their faxes, such as the **phone numbers** they came from and the number of pages. Users can then forward the fax to a fax machine or a predefined distribution list, and they can view and print faxes from their desktop. Users can also listen to voice mail from their multimedia PCs, and then forward them as embedded-voice WAV files over Lotus Notes and Microsoft Exchange or Outlook messaging products.

Unified messaging is especially appealing to remote users and to heavy fax users, says Lynne Jones, a technical analyst for Freddie Mac, which is testing CallPilot. "You can direct faxes to wherever you are, and if you're at your desk, you're not always running to the fax machine," she says.

Unlike other unified messaging systems, CallPilot keeps the voice and fax mail on its own server and integrates with E-mail at the desktop. "The majority of users want unified messaging, but they don't want to muck around with their messaging structure," says Robert Mirani, an analyst with the Yankee Group Inc.

In addition to users' hesitation to alter existing messaging systems, analysts say several other factors are slowing adoption of unified messaging technology. These include lack of resources while time and money is being poured into year 2000 efforts and difficulties in justifying expenditures on the technology. "The industry still hasn't been able to prove that this is more than a 'nice to have'," says Joe Outlaw, an analyst with Gartner Group Inc. "With year 2000 costs looming, users need to prove hard-dollar justification."

Nortel plans to upgrade CallPilot next year to let users hear their E-mail over the phone. Plans also include making CallPilot work with Lucent Technologies' and others' PBX systems.

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COMPANY NAMES: NORTHERN TELECOM

INDUSTRY NAMES: Network hardware and software; Software

PRODUCT NAMES: Communications software packages, except networking
(737251)

CONCEPT TERMS: All product and service information; Product introduction

GEOGRAPHIC NAMES: North America (NOAX); United States (USA)

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

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